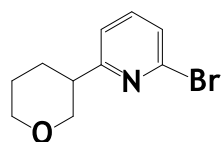
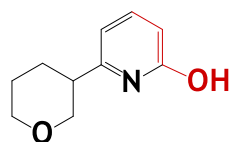


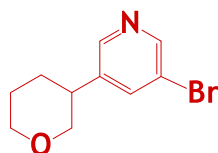
Novel Heterocyclic Intermediates for Cross-coupling Reactions



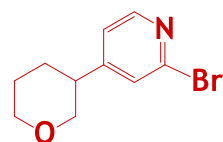
CS937



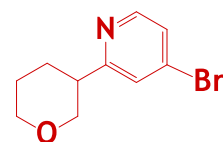
CS937-OH



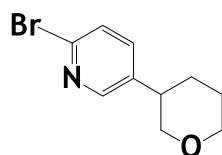
CS6602



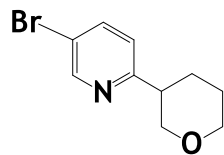
CS939



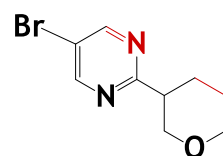
CS5257



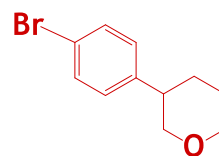
CS938



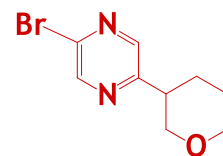
CS5255



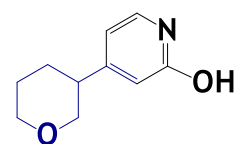
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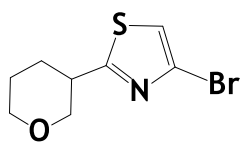
CCS339



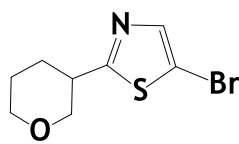
CS952



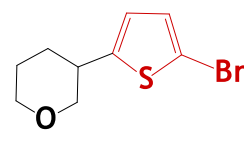
CS939-OH



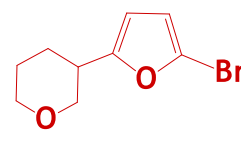
CS944



CS945



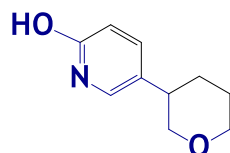
CS963



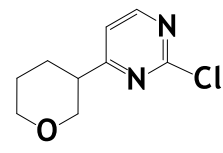
CS0253



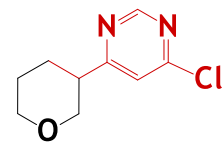
CS5274



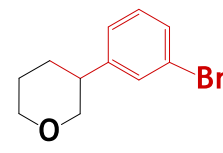
CS938-OH



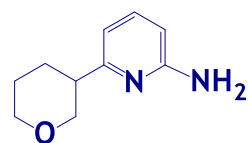
CS24009-CL



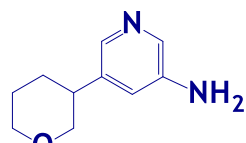
CS4697-CL



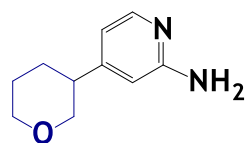
CS2279



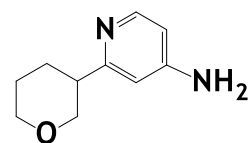
CS937-N



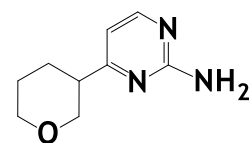
CS6602-N



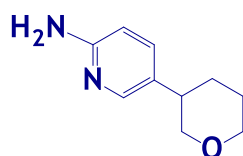
CS939-N



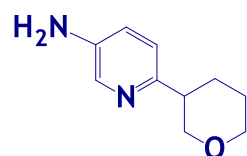
CS5257-N



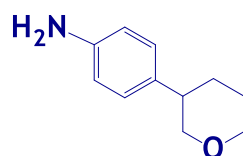
CS24009-N



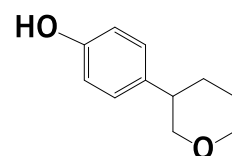
CS938-N



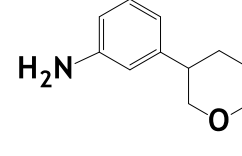
CS5255-N



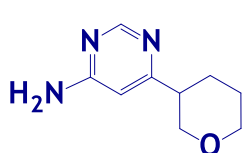
CCS339-N



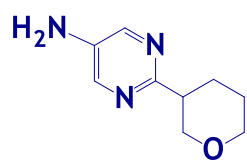
CCS339-OH



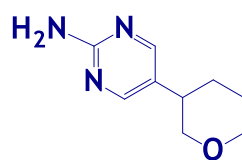
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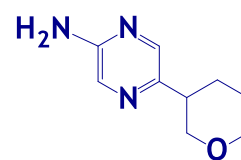
CS4697-N



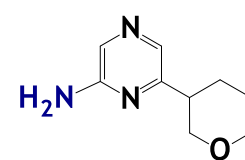
CS2605-N



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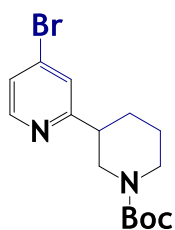


CS952-N

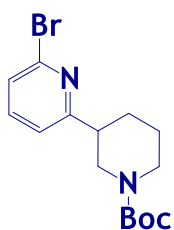


CS5274-N

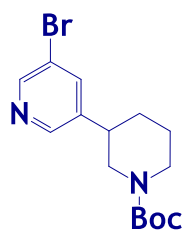
Novel Heterocyclic Intermediates for Cross-coupling Reactions



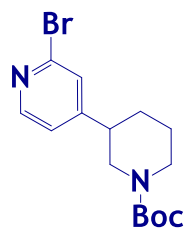
W978



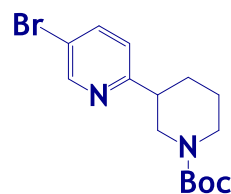
W974



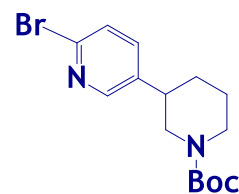
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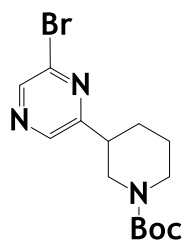
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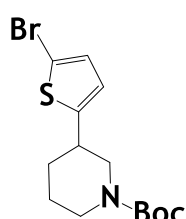
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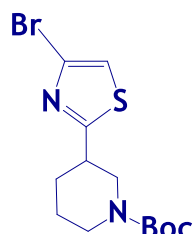
W975



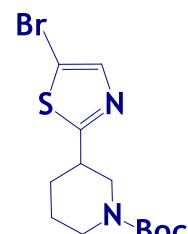
W968



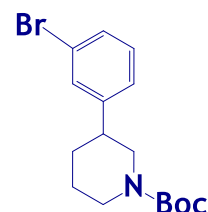
W1044



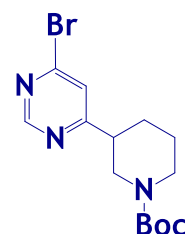
W966



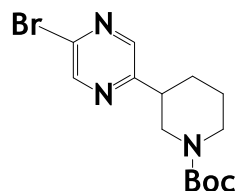
W967



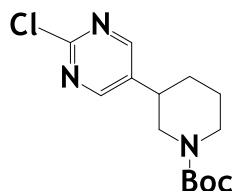
CS7658



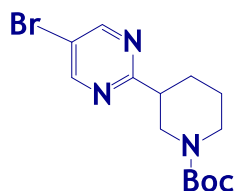
W970



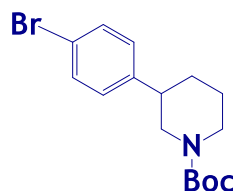
W969



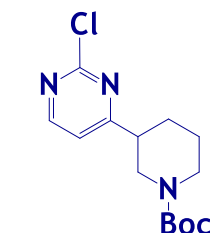
W973



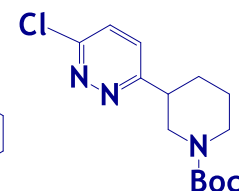
W972



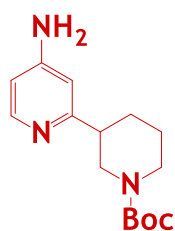
CS7657



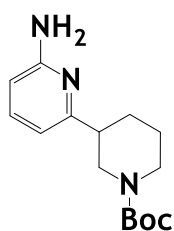
W971-Cl



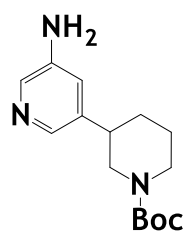
CS9578-CL



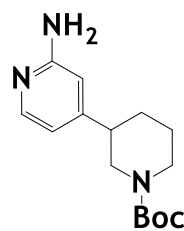
W978-N



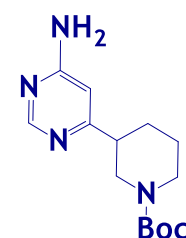
W974-N



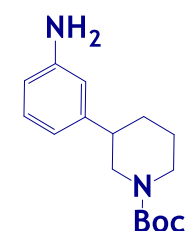
W979-N



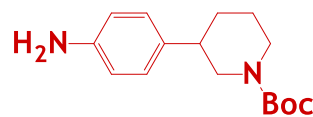
W976-N



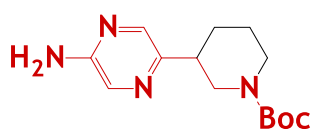
W970-N



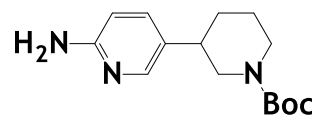
CS7658-N



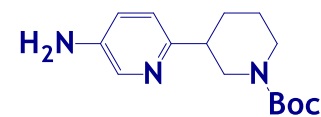
CS7657-N



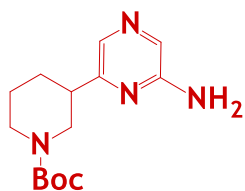
W969-N



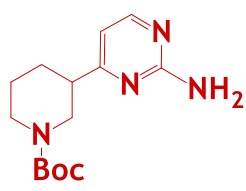
W975-N



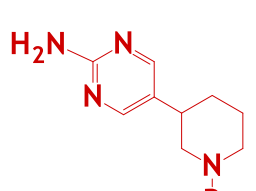
W980-N



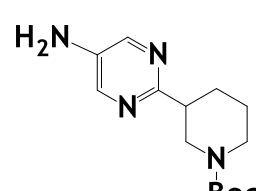
W968-N



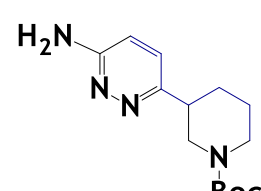
W971-N



W973-N

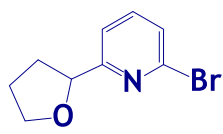


W972-N

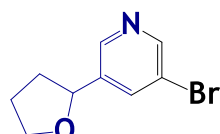


CS9578-N

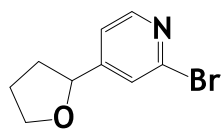
Novel Heterocyclic Intermediates for Cross-coupling Reactions



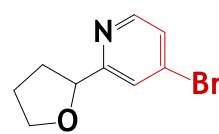
CS6704



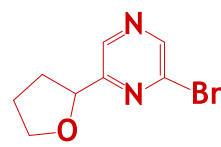
CS6705



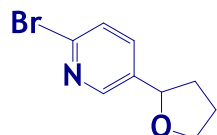
CS0309



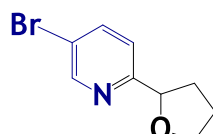
CS6702



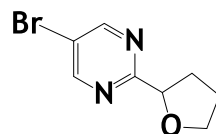
CSD13



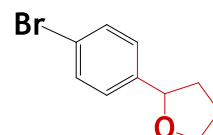
CS0311



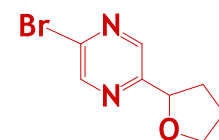
CS6703



CS25810



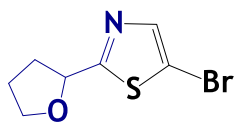
CS2281



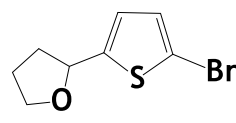
CSD06



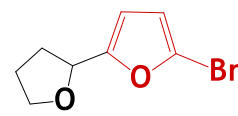
CS0258



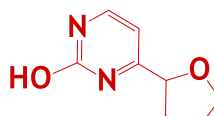
CS0661



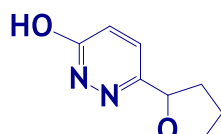
CS0254



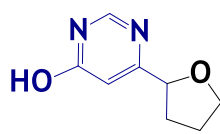
CS0255



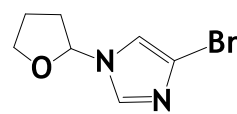
CSD09-OH



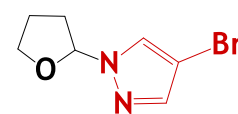
CS9577-OH



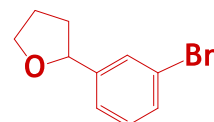
CSD10-OH



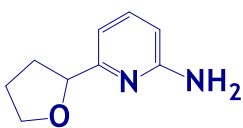
CSD07



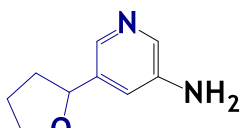
CSD08



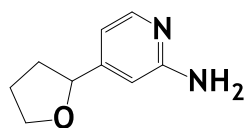
CS2282



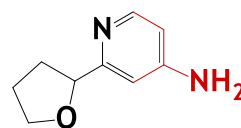
CS0313-N



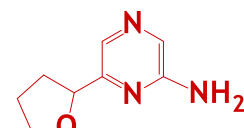
CS6705-N



CS0309-N



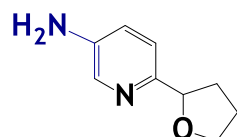
CS6702-N



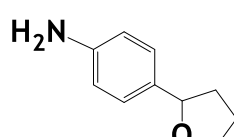
CS9563-N



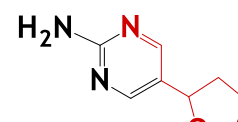
CS0311-N



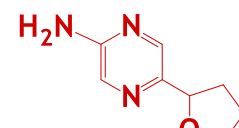
CS6703-N



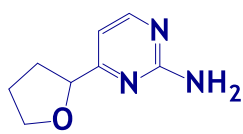
CS2281-N



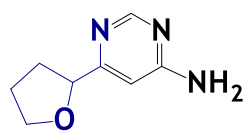
CSD11-N



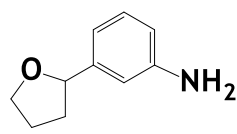
CSD06-N



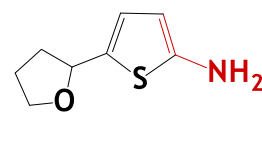
CSD09-N



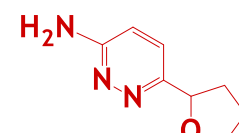
CSD10-N



CS2282-N

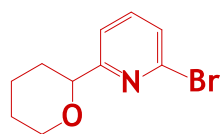


CS0254-N

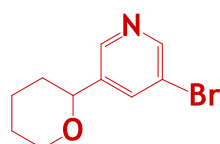


CS9577-N

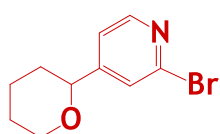
Novel Heterocyclic Intermediates for Cross-coupling Reactions



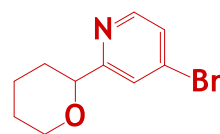
CS6219



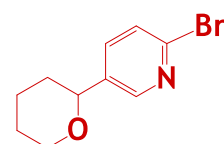
W1111



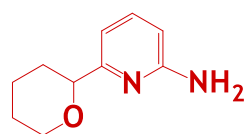
W1112



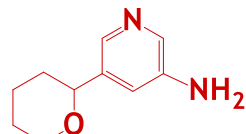
W1101



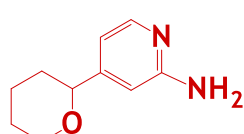
W1110



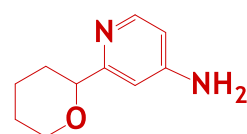
CS6219-N



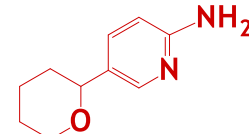
W1111-N



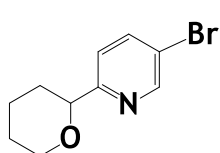
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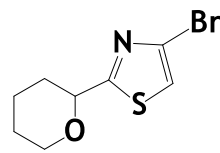
W1101-N



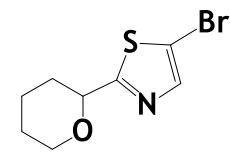
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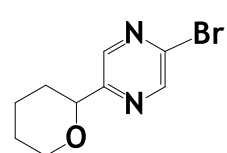
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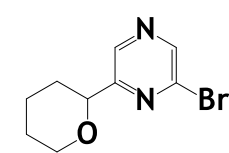
W1116



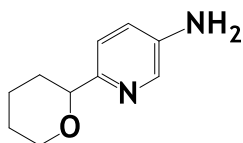
W1117



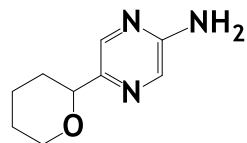
W1102



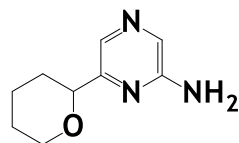
W1103



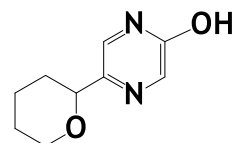
W1100-N



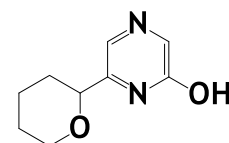
W1102-N



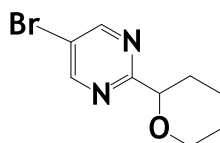
W1103-N



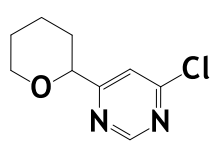
W1102-OH



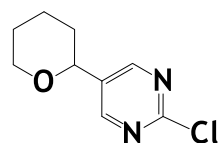
W1103-OH



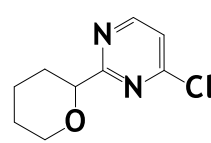
W1106



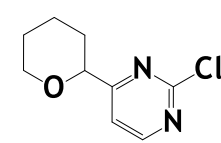
W1328-Cl



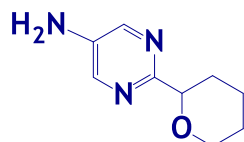
W1107



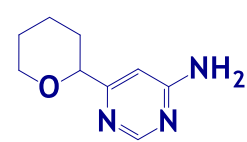
W1105-Cl



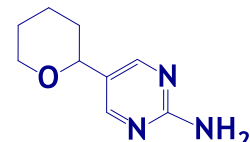
W1104-Cl



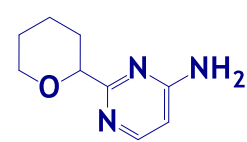
W1106-N



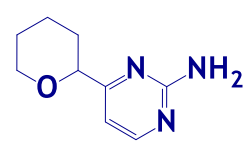
W1328-N



W1107-N



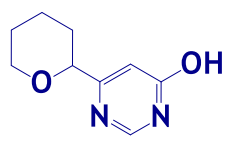
W1105-N



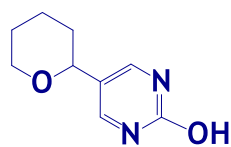
W1104-N



W1106-OH



W1328-OH



W1107-OH

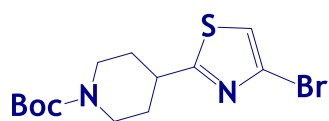


W1105-OH

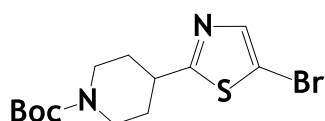


W1104-OH

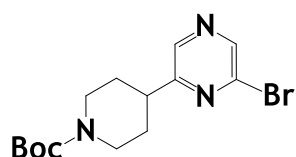
Novel Heterocyclic Intermediates for Cross-coupling Reactions



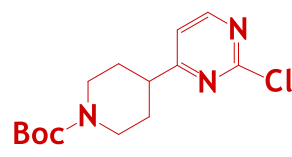
CS6794



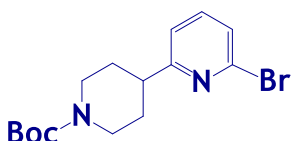
CS6795



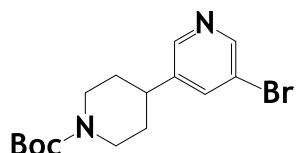
CS9507



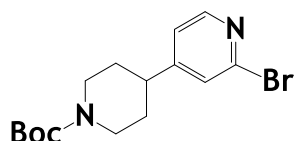
W856



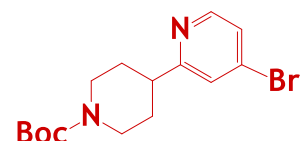
CS930



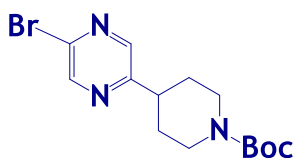
CS6790



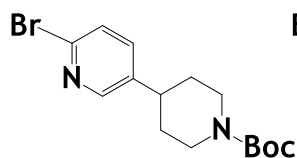
CS6791



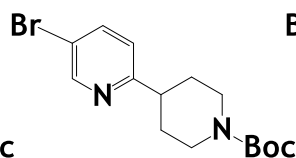
CS6639



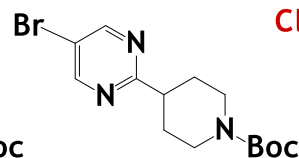
CS954



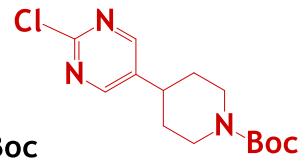
CS6792



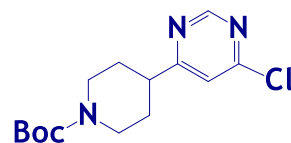
CS6793



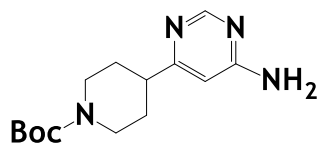
CS6798



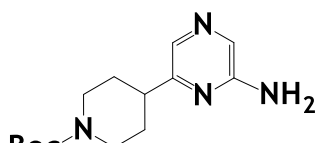
W851



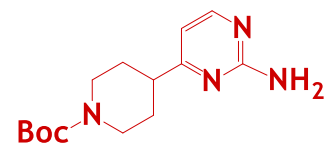
CS6799



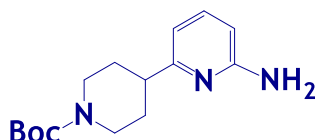
CS6799-N



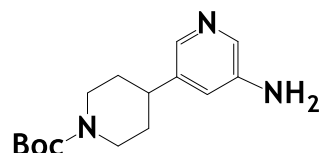
CS9507-N



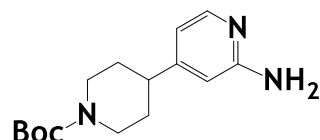
W856-N



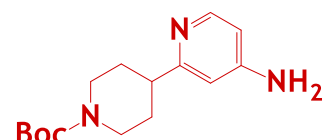
CS930-N



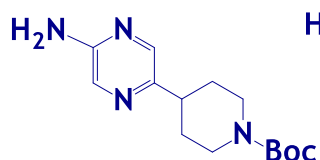
CS6790-N



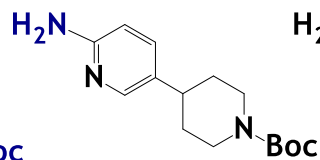
CS6791-N



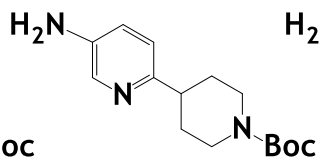
CS6639-N



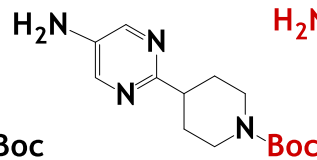
CS954-N



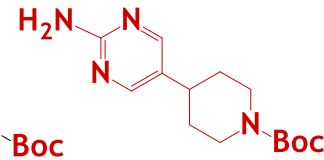
CS6792-N



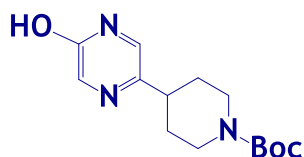
CS6793-N



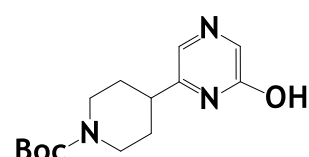
CS6798-N



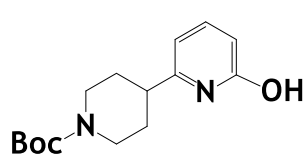
W851-N



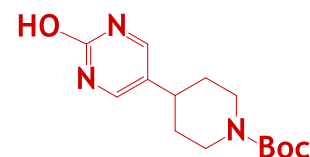
CS954-OH



CS9507-OH

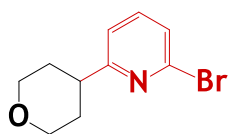


CS930-OH

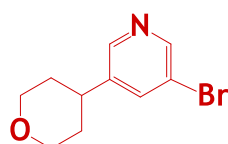


W851-OH

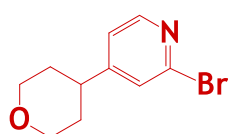
Novel Heterocyclic Intermediates for Cross-coupling Reactions



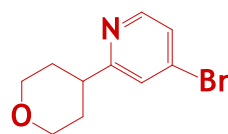
CS934



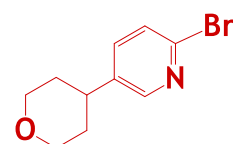
CS5359



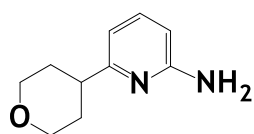
CS936



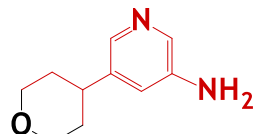
CS4322



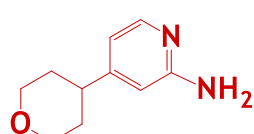
CS935



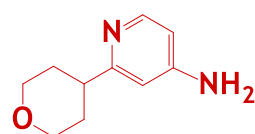
CS934-N



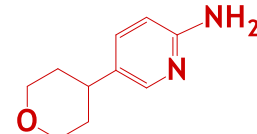
CS5359-N



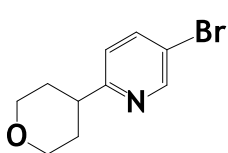
CS936-N



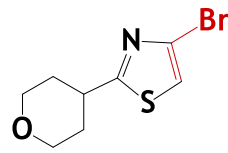
CS4322-N



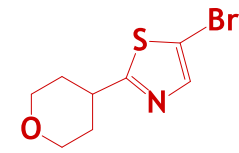
CS935-N



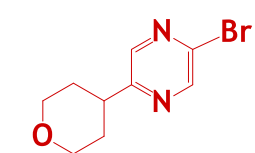
CS4321



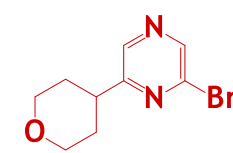
CS942



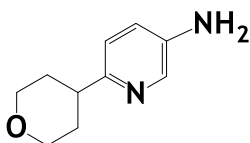
CS943



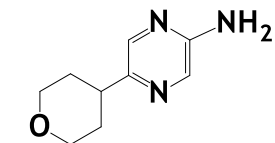
CS951



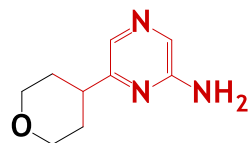
CS5273



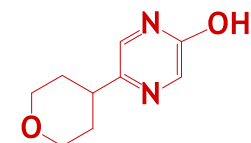
CS4321-N



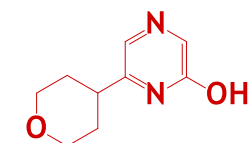
CS951-N



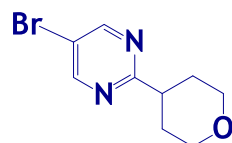
CS5273-N



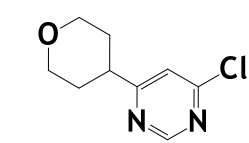
CS951-OH



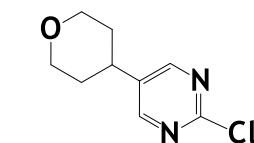
CS5273-OH



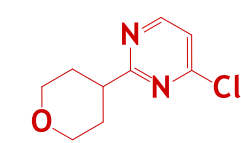
CS2603



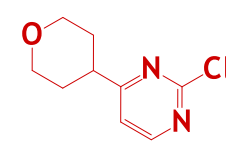
W663



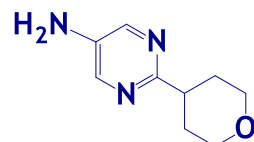
CSA5235



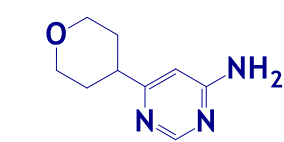
CS957-Cl



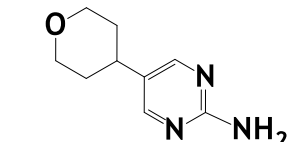
W664



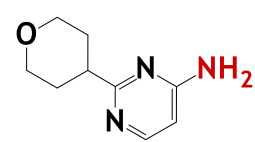
CS2603-N



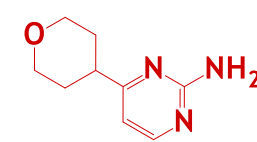
CS4696-N



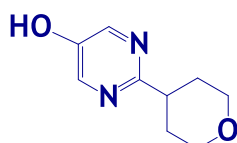
CSA5235-N



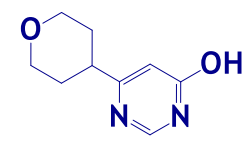
CS957-N



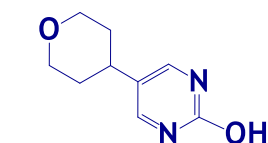
CS24008-N



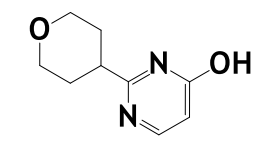
CS2603-OH



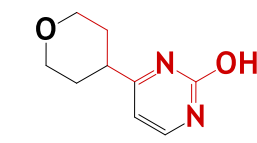
CS4696-OH



CSA5235-OH

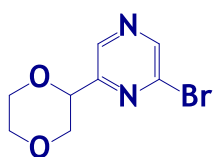


CS957-OH

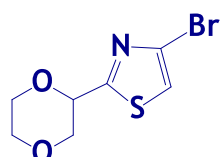


CS24008-OH

Novel Heterocyclic Intermediates for Cross-coupling Reactions



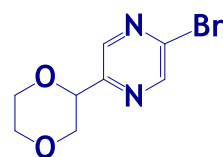
W1330



CS25762



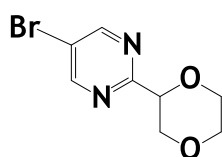
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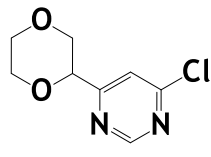
W1329



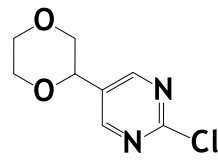
CS25748



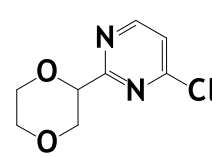
CS25758



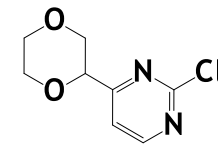
W1331-Cl



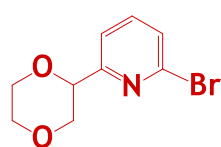
CS25761-Cl



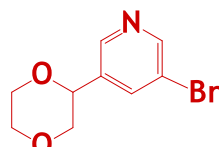
CS25759-Cl



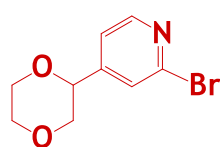
CS25760-Cl



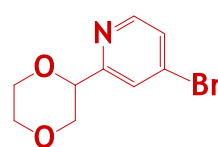
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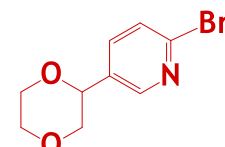
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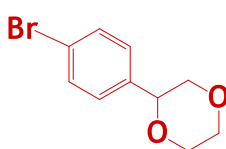
CS25757



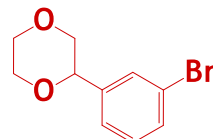
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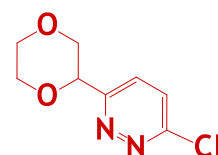
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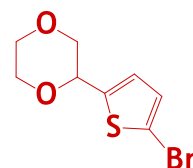
CS7962



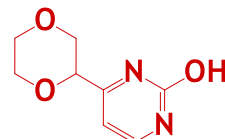
CS7961



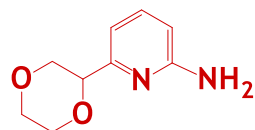
W1332-Cl



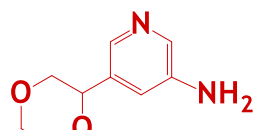
W1333



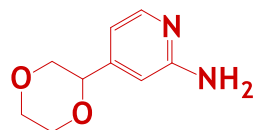
CS25760-OH



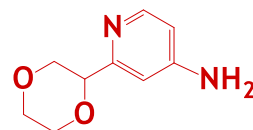
CS25749-N



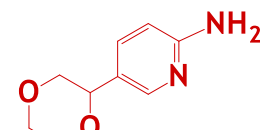
CS25751-N



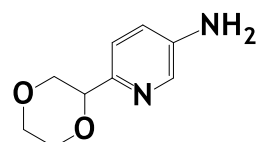
CS25757-N



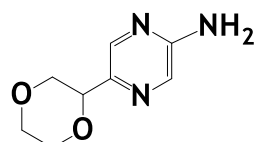
CS25750-N



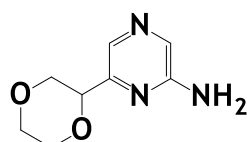
CS25752-N



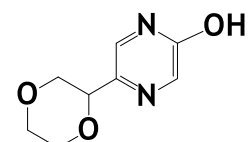
CS25748-N



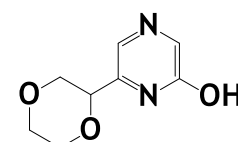
W1329-N



W1330-N



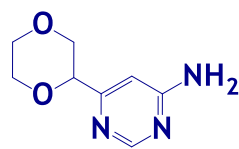
W1329-OH



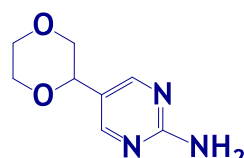
W1330-OH



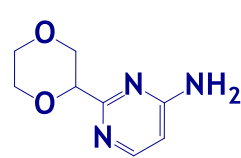
CS25758-N



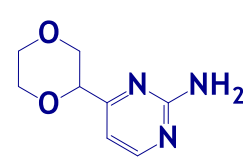
W1331-N



CS25761-N

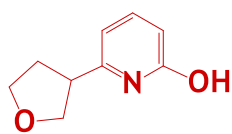


CS25759-N

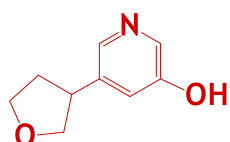


CS25760-N

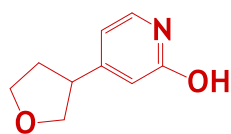
Novel Heterocyclic Intermediates for Cross-coupling Reactions



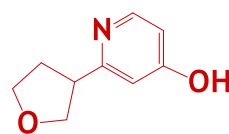
CS927-OH



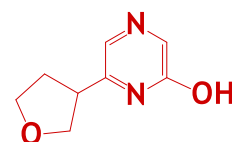
CS6604-OH



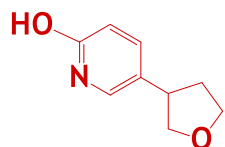
CS929-OH



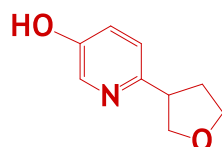
CS5256-OH



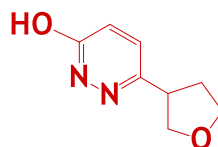
CS9563-OH



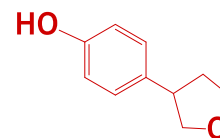
CS928-OH



CS5254-OH



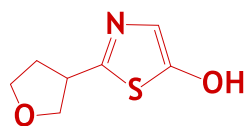
CS9576-OH



CCS337-OH



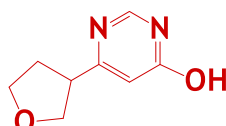
CS9562-OH



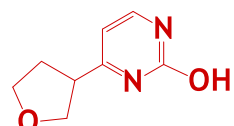
CS941-OH



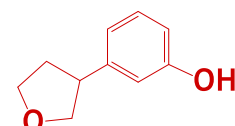
CS940-OH



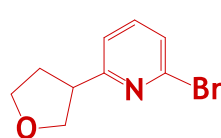
CS4698-OH



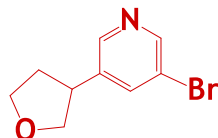
CS24007-OH



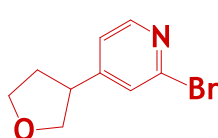
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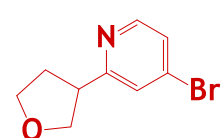
CS927



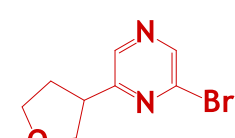
CS6604



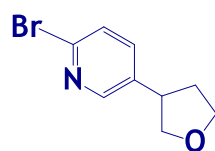
CS929



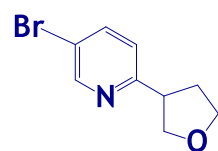
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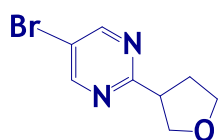
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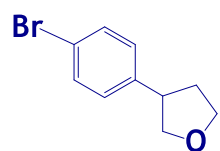
CS928



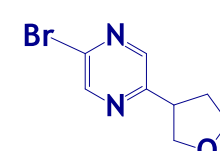
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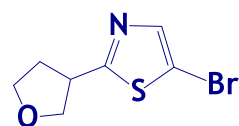
CS2604



CCS337



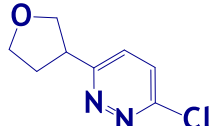
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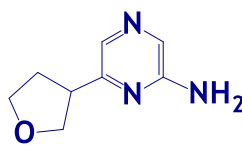
CS941



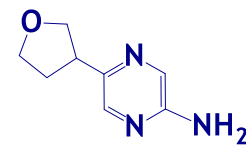
CS940



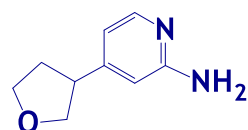
CS9576-CL



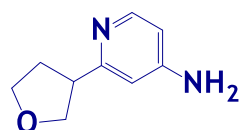
CS9563-N



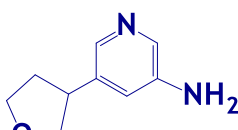
CS9562-N



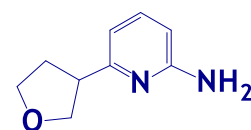
CS929-N



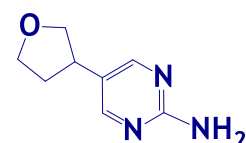
CS5256-N



CS6604-N

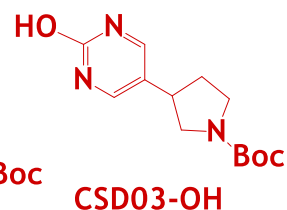
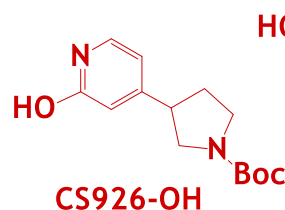
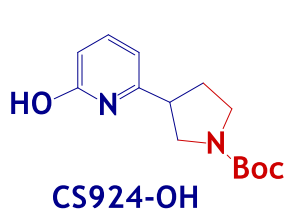
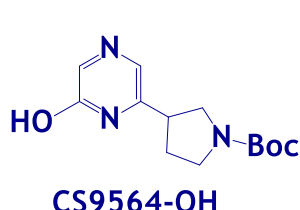
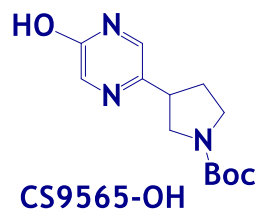
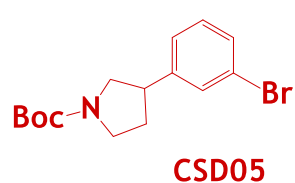
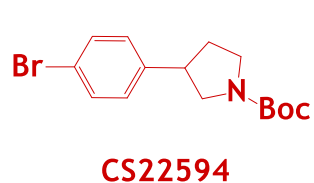
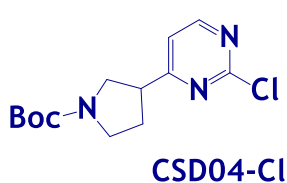
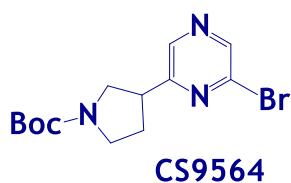
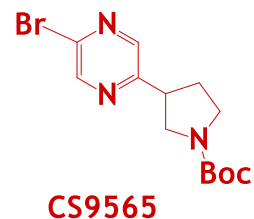
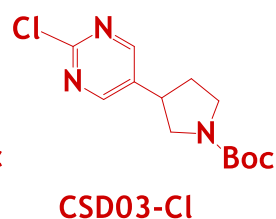
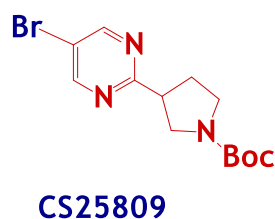
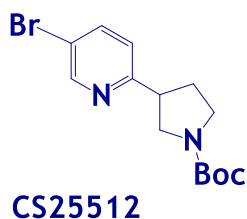
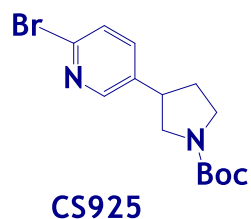
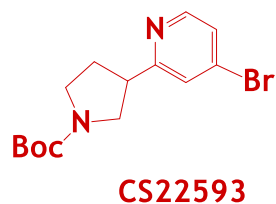
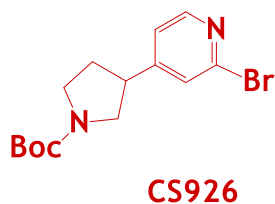
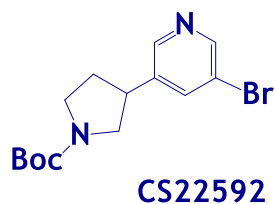
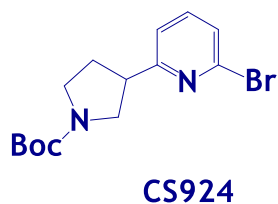
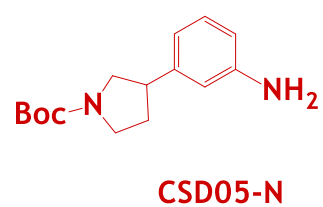
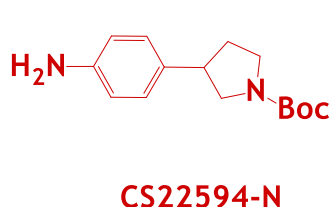
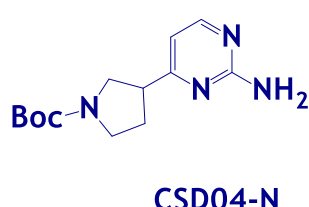
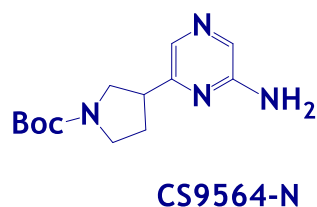
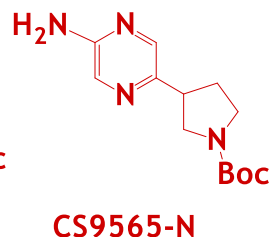
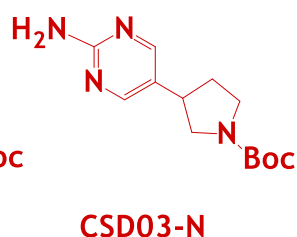
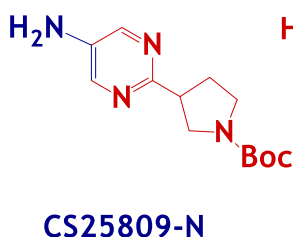
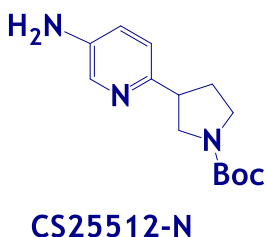
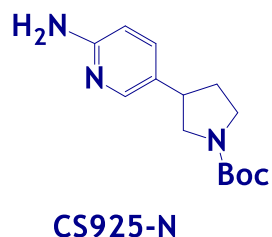
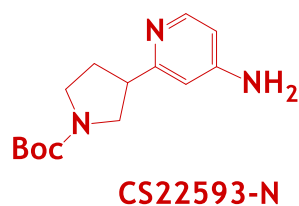
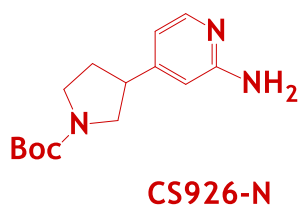
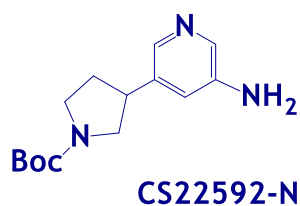
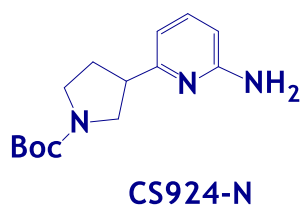


CS927-N

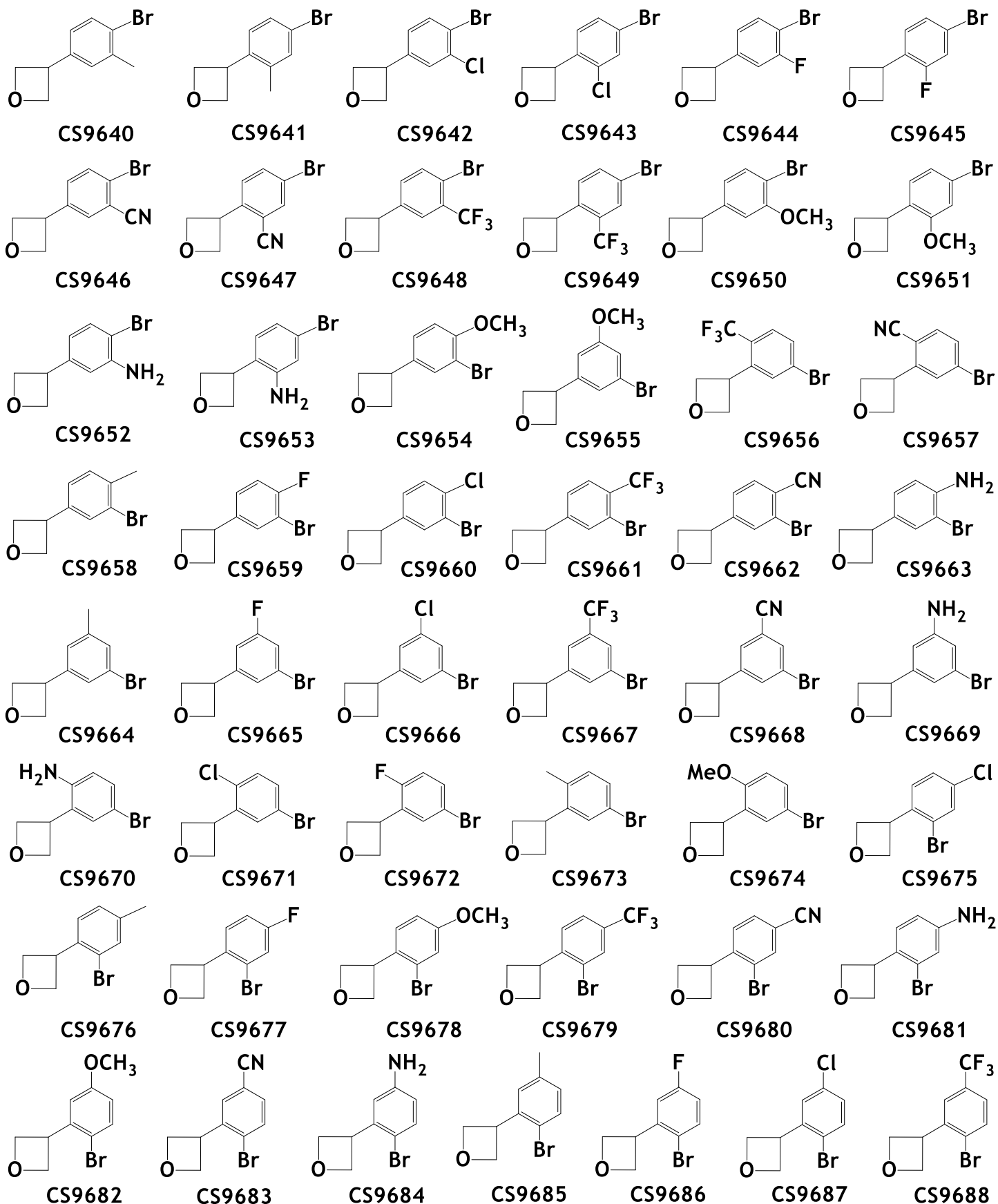


CSD16-N

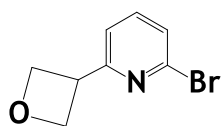
Novel Heterocyclic Intermediates for Cross-coupling Reactions



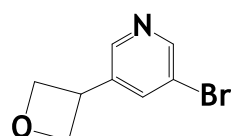
Novel Heterocyclic Intermediates for Cross-coupling Reactions



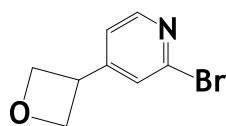
Novel Heterocyclic Intermediates for Cross-coupling Reactions



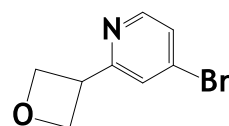
CS9584



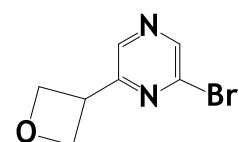
CS9585



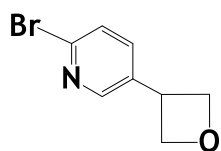
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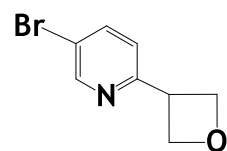
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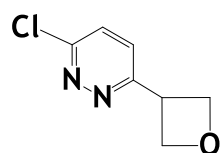
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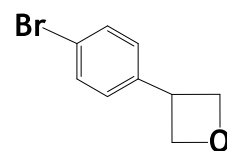
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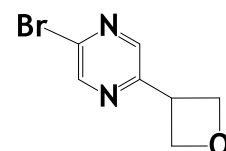
CS9589



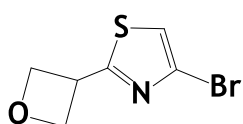
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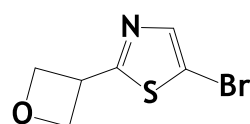
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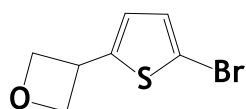
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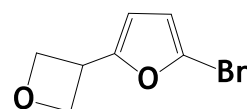
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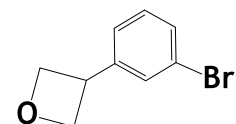
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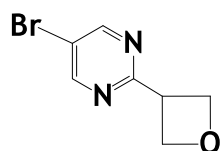
CS9600



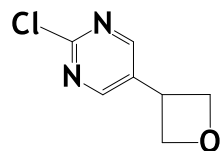
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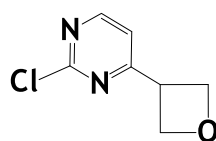
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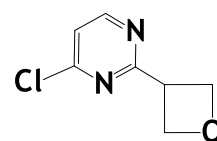
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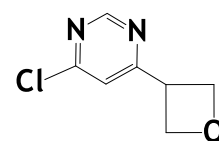
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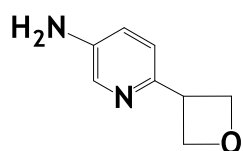
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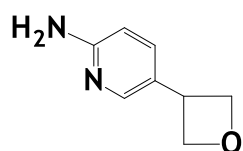
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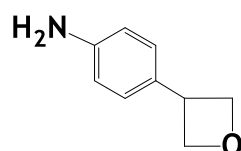
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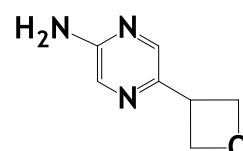
CS9589-N



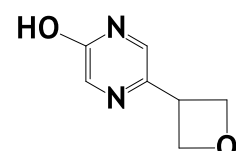
CS9588-N



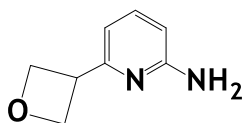
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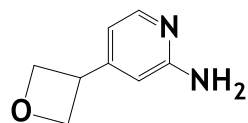
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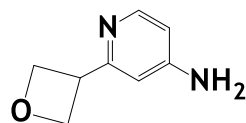
CS9593-N



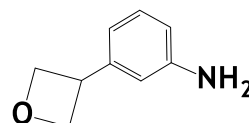
CS9584-N



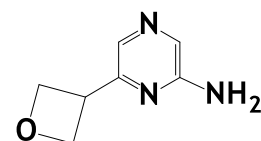
CS9586-N



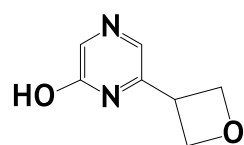
CS9587-N



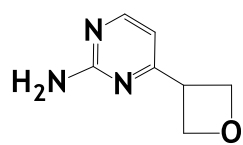
CS9603-N



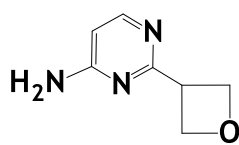
CS9592-N



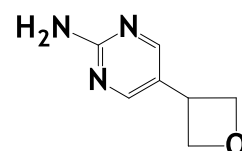
CS9592-OH



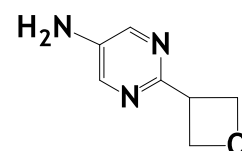
CS9595-N



CS9596-N

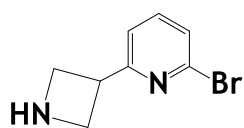


CS9597-N

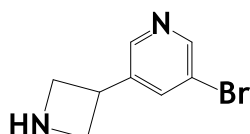


CS9594-N

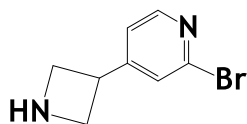
Novel Heterocyclic Intermediates for Cross-coupling Reactions



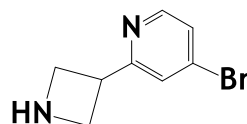
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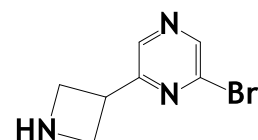
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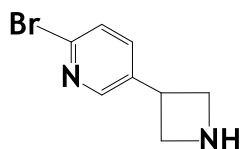
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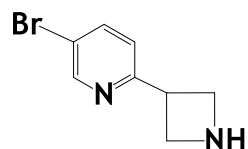
CS9607



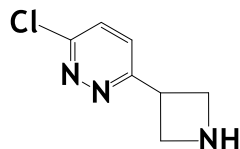
CS9612



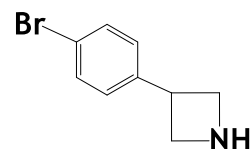
CS9608



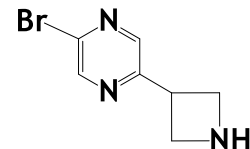
CS9609



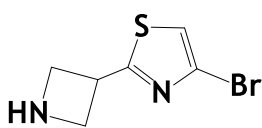
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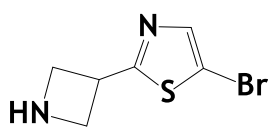
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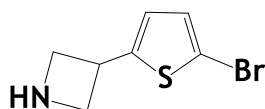
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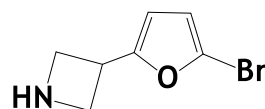
CS9610



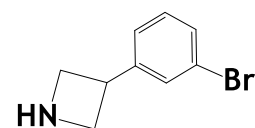
CS9611



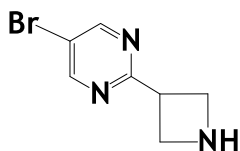
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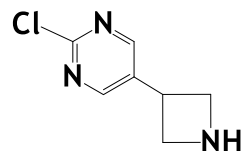
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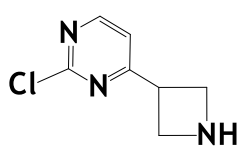
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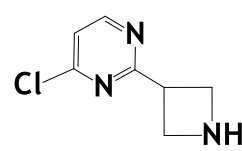
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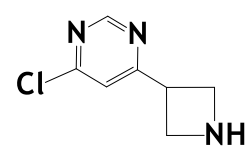
CS9617-Cl



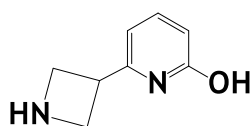
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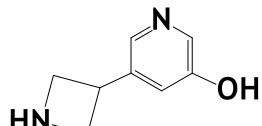
CS9616



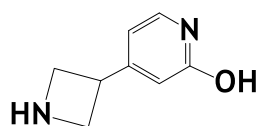
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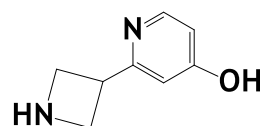
CS9604-OH



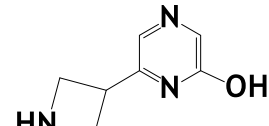
CS9605-OH



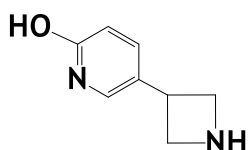
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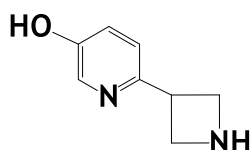
CS9607-OH



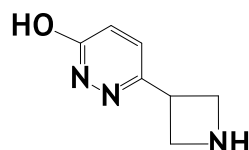
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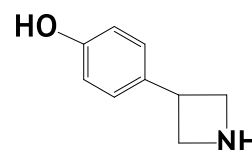
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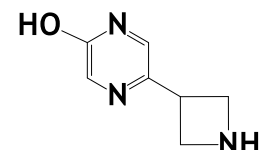
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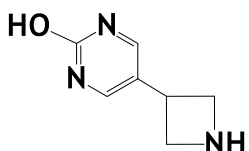
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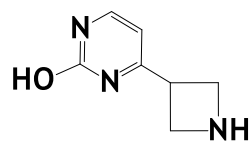
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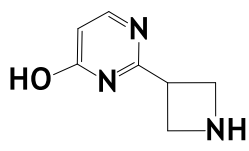
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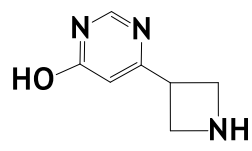
CS9617-OH



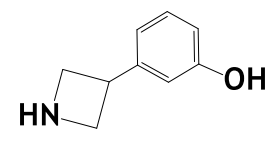
CS9615-OH



CS9616-OH



CS9618-OH



CS9623-OH

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