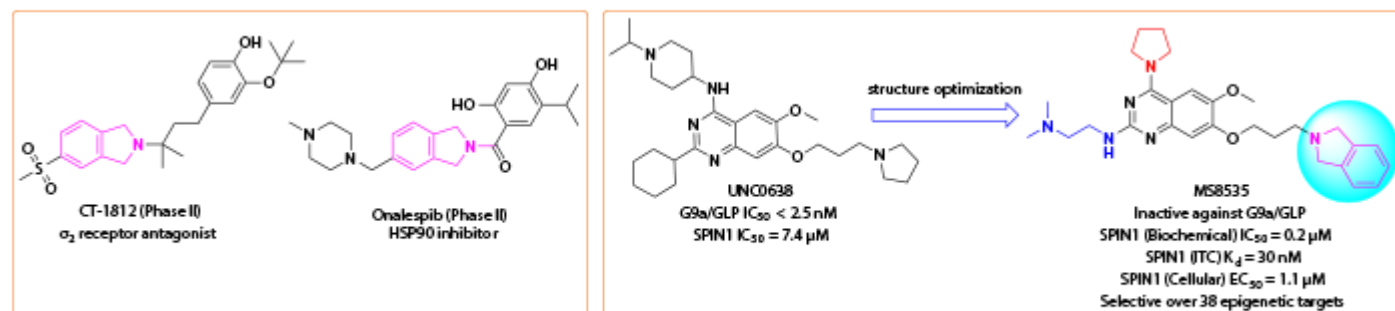


Building Blocks / Pharmaceutical Intermediates / Chemical Reagents

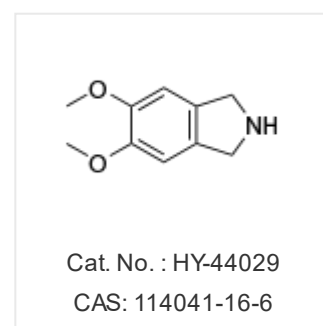
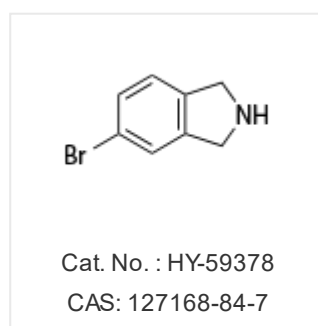
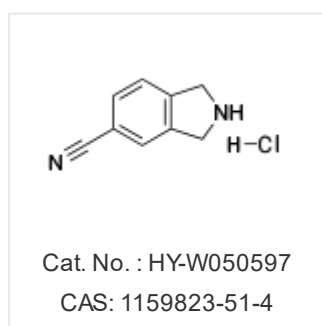
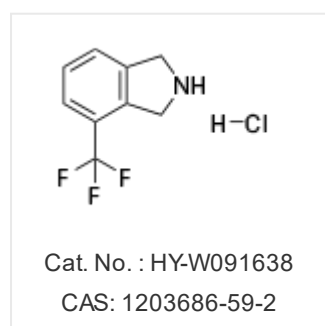
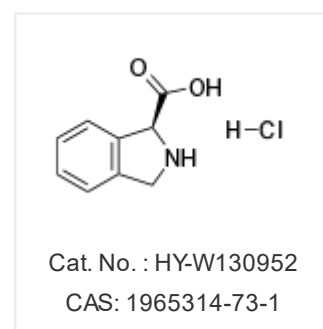
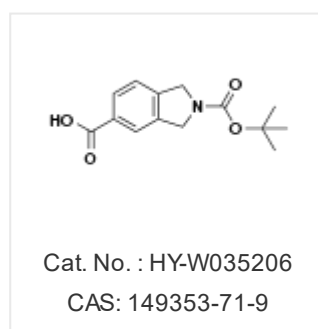
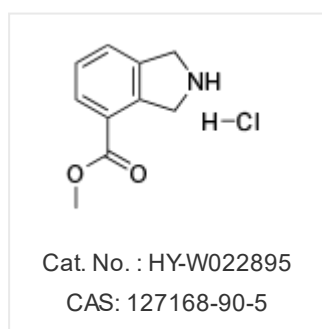
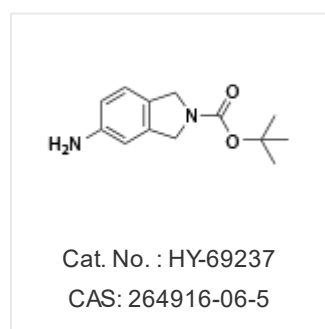
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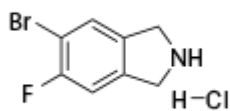
Isoindoline, a bicyclic heterocyclic compound characterized by a benzene ring fused to a pyrrolidine ring, has garnered significant attention in drug development due to its versatile structure. Its derivatives have demonstrated promising therapeutic effects, particularly in treating neurological disorders such as Alzheimer's and Parkinson's disease, through interactions with sigma receptors. Isoindoline derivatives have also exhibited anticancer activity by inhibiting key tumor growth signaling pathways, positioning them as valuable candidates for cancer therapy. Furthermore, these compounds possess antimicrobial, anti-inflammatory, and analgesic properties, further enhancing their therapeutic applicability. To date, Chemexpress has developed many isoindoline building blocks.



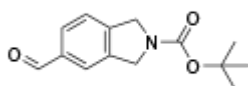
The applications of isoindoline in medicinal chemistry

Xiong Y, et al. *J Med Chem.* 2024 Apr 11;67(7):5837-5853.

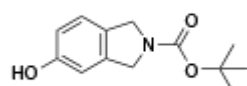




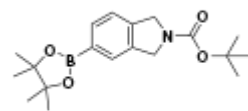
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Cat. No. : HY-W042275
CAS: 905273-91-8

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