

## 100g以上供給可能なGL Biochem社製品リスト【非天然アミノ酸】

Chemical Name	CAS Number
Fmoc-L-CYCPENTALA-OH	371770-32-0
H-Tyr(3,5-DiCl)-OH	15106-62-4
Boc-Chg-OH	109183-71-3
Fmoc-Chg-OH	161321-36-4
Ac-D-Phe(3-F)-OH	69078-51-9
Ac-DL-Phg-OH	15962-46-6
H-Chg-OMe.HCl	14328-63-3
Z-Abu-OH	42918-86-5
Fmoc-Nva-OH	135112-28-6
Fmoc-D-HomoCit-OH	201485-38-3
Fmoc-D-HomoCit-OH	201485-38-3
Fmoc-3-Abz-OH	185116-42-1
Boc-HomoPhe-OH	100564-78-1
Z-3-(2-naphthyl)-L-alanine	65365-16-4
Ac-DL-Phe(4-Br)-OH	273730-59-9
Boc-3-(2-Pyridyl)-L-alanine	71239-85-5
Fmoc-D-Phe(3-F)-OH	198545-72-1
H-D-Phe(4-I)-OH	62561-75-5
H-Phe(4-Me)-OH	1991-87-3
H-Pyr-OtBu	
Tos-Lys(Boc)-OH	16948-09-7
Fmoc-D-Phe(3,4-DiCl)-OH	177966-58-4
H-Phg-OtBu	
Boc-Inp-OH	84358-13-4
3-NH2-Tyr	
Boc-D-Phe(4-NO2)-OH	61280-75-9
Fmoc-4-Amb-OH	164470-64-8
H-Phe(4-Cl)-OMe.HCl	
Boc-Abu-OH.DCHA	34306-42-8
H-Phe(4-Br)-OEt.HCl	
H-D-Phe(4-Br)-OMe.HCl	
Boc-Phe(4-NO2)-OH	33305-77-0
Boc-Hyp-OMe	74844-91-0
Fmoc-HomoArg-OH.HCl	
Fmoc-HomoArg-OH.HCl	
Boc-Nva-OH.DCHA	53308-95-5(net)
Fmoc-GABA-OH	116821-47-7
3-(1-Naphthyl)-D-alanine.HCl	78306-92-0(net)



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Chemical Name	CAS Number
H-Nva-OtBu.HCl	119483-47-5
Boc-3-(1-Naphthyl)-D-alanine	76932-48-4
4-Nitro-L-phenylalanine monohydrate	207591-86-4
Boc-D-Phe(4-Br)-OH	79561-82-3
3, 4-Dichloro-L-Phe	52794-99-7
Boc-Phg-OH	2900-27-8
H-D-Tic-OH	103733-65-9
Fmoc-Dap(Dnp)-OH	140430-54-2
Boc-3-(4-Pyridyl)-D-alanine	37535-58-3
Fmoc-D-Pen(Trt)-OH	201532-01-6
Fmoc-5-Ava-OH	123622-48-0
Fmoc-D-3-Abu-OH	201864-71-3
Z-D-3-Abu-OH	67843-72-5
Z-Oic-OH.DCHA	
Z-Tle-OH.DCHA	62965-37-1
Fmoc-Abu-OH	135112-27-5
H-Sar-OBzl.TosOH	54384-06-4
Boc-Oic-OH	109523-13-9
H-Abu-NH <sub>2</sub> .HCl	7682-20-4
Fmoc-Oic-OH	130309-37-4
Fmoc-D-Tic-OH	130309-33-0
Fmoc-Hyp(Bzl)-OH	174800-02-3
H-Orn(Z)-OBzl.HCl	63594-37-6
Fmoc-Ida-OH	112918-82-8
Boc-D-Thz-OH	63091-82-7
Boc-D-Phe(4-NH <sub>2</sub> )-OH	164332-89-2
Boc-Orn(Tos)-OH	
Boc-D-Dapa(Boc)-OH.DCHA	201472-66-4
Boc-D-Daba(Z)-OH.DCHA	101854-42-6
Fmoc-D-Phe(4-F)-OH	
Fmoc-4-Nitro-D-Phe	177966-63-1
Boc-D-Tic-OH	115962-35-1
D-Allylglycine	108412-04-0
Boc-Dapa(Z)-OH.DCHA	65710-58-9
Z-Orn(Z)-ONp	



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Chemical Name	CAS Number
Fmoc-Hyp-OH(非動物源)	
Fmoc-Cis-D-Hyp(tBu)-OH	1276649-30-4
H-D-Dapa(Fmoc)-OH	
Fmoc-D-Phe(4-F)-OH	
Fmoc-D-Abu-OH	170642-27-0
H-HomoPhe-OME.HCl	60425-49-2
Boc-3-(1-Naphthyl)-D-alanine	76932-48-4
Boc-3-(4-Pyridyl)-D-alanine	37535-58-3
H-DL-Abu-OH	2835-81-6
H-D-Nle-OH	327-56-0
4-Nitro-L-phenylalanine monohydrate	207591-86-4
4-Nitro-L-phenylalanine monohydrate	207591-86-4
Z-Pyr-Osu	40291-26-7?
Fmoc-Sar-Opfp	159631-29-5
H-Phe(4-F)-OH	1132-68-9
Fmoc-D-HomoCys(Trt)-OH	1007840-62-1
Boc-D-Tic-OH	115962-35-1
H-Pyr-OBzl	
Fmoc-Aph(tBuCbm)-OH	
Fmoc-D-Phg-OH	111524-95-9
Fmoc-4-Nitro-D-Phe	177966-63-1
Fmoc-4-Nitro-D-Phe	177966-63-1
H-D-Phe(4-F)-OH	
H-Pyr-OEt	7149-65-7
Fmoc-3-(2-Naphthyl)-L-alanine	112883-43-9
Fmoc-3-(2-Naphthyl)-L-alanine	112883-43-9
H-D-Phe(2-Me)-OH	80126-54-1
H-Hyp-OMe. HCl(植物源)	
H-DL-HomoPhe-Ome.HCl	85808-33-9
D-Nva-OEt.HCl	
Fmoc-Chg-OH	161321-36-4
Fmoc-Phe(3,4-DiCl)-OH	177966-59-5
Boc-D-Phe(2-Me)-OH	80102-29-0
Fmoc-HomoArg-OH.HCl	
Fmoc-D-Phe(4-I)-OH	205526-29-0



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Chemical Name	CAS Number
Fmoc-D-3-Benzothienylalanine	177966-61-9
Boc-Dab(Fmoc)-OH	117106-21-5
H-Phe(4-Bz)-OH	104504-45-2
Boc-D-Phe-Phe-OH	
L-2-(5-Bromothienyl)alanine	154593-58-5
D-2-(5-Bromothienyl)alanine	264903-54-0
Fmoc-D-Phg-OH	111524-95-9
Fmoc-Chg-OH	161321-36-4
Fmoc-Thz-OH	133054-21-4
(S)-2-benzyl-3-(tert-butoxycarbonylamino)propanoic acid	189619-55-4
Boc-D-3-Methylphe	114873-14-2
Fmoc-D-3-Methylphe	352351-64-5
Fmoc-D-2Me(Phe)-OH	352351-63-4
Fmoc-HomoCys(Trt)-OH	167015-23-8
Fmoc-Phe(4-tBu)-OH	213383-02-9
$\alpha$ -methyl-L-Serine(OtBu)	114396-73-5
Fmoc- $\alpha$ -methyl-L-Serine(OtBu)	914399-98-7
Fmoc-D-Abu-OH	170642-27-0
Fmoc- $\beta$ -Cyclopentyl-D-Alanine	1262802-59-4
Fmoc-D-3-CF3-Phe	205526-28-9
H-Aib-OtBu.HCl	84758-81-6
Fmoc-Oic-OH	130309-37-4
Fmoc-Oic-OH	130309-37-4
Boc-D-4-Thiazolylalanine	134107-69-0
Boc-L-3,3-Diphenylalanine	138662-63-2
H-Hyp-OMe. HCl(植物源)	
(R)-3-Amino-3-(2-methyl-phenyl)-propionic acid	752198-38-2
(S)-3-Amino-3-(2-methyl-phenyl)-propionic acid	736131-48-9
Boc-(S)-3-Amino-3-(2-methyl-phenyl)-propionic acid	499995-74-3
Fmoc-L-2,4-Dichlorophe	352351-62-3
Fmoc-Phe(4-Cl)-OH	175453-08-4
Fmoc-D-Phe(2-F)-OH	198545-46-9
Fmoc-D-Phe(3-F)-OH	198545-72-1
Boc-D-Phe(2-F)-OH	114873-10-8
Boc-D-trans-Hyp-OMe	135042-17-0



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Chemical Name	CAS Number
Fmoc-Sar-OH	77128-70-2
H-Phg-OtBu.HCl	161879-12-5
H-Hyp(tBu)-OtBu.HCl	367453-05-2
Fmoc-Phg(4-Cl)-OH	
Boc-Tic-OH	78879-20-6
Boc-Pyr-OBzl	113400-36-5
Fmoc-D-tBuAla-OH	359766-58-8
Etythro-Boc-L-O-Bzl-Tyr-epoxide	162536-84-7
Boc-DL-Phg-OH	3601-66-9
S-2-Br-PHA	275826-34-1
AC-DL-Nle-OH	7682-16-8
Fmoc-D-2-Amino-5-phenyl-pentanoic acid	1217731-48-0
Fmoc-D-Phe(4-Br)-OH	198545-76-5
Fmoc-Pyr-OH	
Fmoc-D-Dab(Boc)-OH	114360-56-4
Fmoc-Dab(Mtt)-OH	851392-68-2
Fmoc-trans-4-Amc-OH	167690-53-1
Fmoc-Dab(Z)-OH	252049-08-4
1,5-Anhydro-2-deoxy-D-arabino-hex-1-enitol3,4,6-Tri-O-acetyl	2873-29-2
Fmoc-D-HomoPro-OH	101555-63-9
L-isovaline	595-40-4
Fmoc-HomoCit-OH	201485-17-8
Fmoc-HomoCit-OH	201485-17-8
Z-3-(1-naphthyl)-L-alanine	65365-15-3
Boc-D-Phe(4-Cl)-OH	57292-44-1
Boc-Phe(4-F)-OH	41153-30-4
H-D-Phg-OtBu.HCl	65715-93-7
3,4-Dichloro-D-Phe	52794-98-6
Boc-Nle-OH.DCHA	21947-32-0
Boc-D-tBuAla-OH	112695-98-4
3-(2-Pyridyl)-L-alanine.2HCl	1082692-96-3
Fmoc-Cit-OMe	
H-Phg-Oet.HCl	
H-DL-HomoPhe-OH	1012-05-1
H-DL-Phe(2-Me)-OH	



## 100g以上供給可能なGL Biochem社製品リスト【非天然アミノ酸】

Chemical Name	CAS Number
Fmoc- $\alpha$ -Me-D-Phe-OH	152436-04-9
Fmoc-Dapa(Boc)-OH	162558-25-0
4-Nitro-L-phenylalanine monohydrate	207591-86-4
4-Nitro-L-phenylalanine monohydrate	207591-86-4
Fmoc-Nva-OH	135112-28-6
Fmoc-Tic-OH	136030-33-6
Fmoc-Tic-OH	136030-33-6
Boc-Chg-OH	109183-71-3
Fmoc-D-3-(4-Thiazolyl)-Alanine	205528-33-2
D-isovaline	3059-97-0
Boc-HomoArg(NO <sub>2</sub> )-OH	28968-64-1
H-Hyp-OEt.HCl	33996-30-4
H-D-Phe(4-Bz)-OH	201466-03-7
3-(2-Naphthyl)-D-alanine.HCl	76985-09-6 (net)
H-DL-Dap-OH.2HCl	54897-59-5
Z-Pyr-Osu	40291-26-7?
Fmoc-D-Bpa-OH	117666-97-4
H-Phe(4-F)-OH	1132-68-9
Boc-Dap(Z)-OH	65710-57-8
Ac-3,5-Dinitro-Tyr-OH	20767-00-4
Boc-HomoArg(NO <sub>2</sub> )-OH	28968-64-1
Fmoc-Cis-Hyp-OH	
Fmoc-Phe(4-F)-OH	169243-86-1
Boc-4-Br-Phe-OH	62129-39-9
3-Cl-L-Tyr-OH	7423-93-0
Boc-D-Phg-OH	33125-05-2
(R)-2-amino-3,3-diphenylpropanoic acid	149597-91-1
Fmoc-D-Phe(4-NH <sub>2</sub> )-OH	324017-21-2
Z-Dap-OH	35761-26-3
Boc- $\beta$ -HomoAla-OH	158851-30-0
Boc-3-(3-Pyridyl)-L-alanine	117142-26-4
Fmoc-D-Isovaline	1231709-22-0
Ac-DL-Phe(4-I)-OH	
Boc-D-Dap-OH	76387-70-7
Fmoc-D-Phe(3,4-DiF)-OH	198545-59-4



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Chemical Name	CAS Number
H-Phe(2-Me)-OH	80126-53-0
H-Phe(2-Me)-OH	80126-53-0
Fmoc-HomoLeu-OH	180414-94-2
Fmoc-Phe(3-CN)-OH	205526-36-9
Fmoc-D-Phe(3-Br)-OH	220497-81-4
Fmoc-3-L-Ala(2-thienyl)-OH	130309-35-2
Fmoc-3-L-Ala(2-thienyl)-OH	130309-35-2
Fmoc-D-Phe(4-CN)-OH	104531-20-6
Fmoc-3-Cl-D-Phe	205526-23-4
H-D-Phe(4-Cl)-OH	14091-08-8
erythro-N-Boc-L-3-bromophenylalanine epoxide	1217801-96-1
Fmoc-D-反式-Hyp(tBu)-OH	268729-12-0
Boc-Phe(3-Br)-OH	82278-73-7
Boc-Phe(3-Br)-OH	82278-73-7
Boc-4-Br-Phe-OH	62129-39-9
3-Cyano-N-Fmoc-L-alanine	127273-06-7
Fmoc-Hyp-OH	88050-17-3
Fmoc-Hyp-OH	88050-17-3
Boc-Phe(4-I)-OH	62129-44-6
Fmoc- $\alpha$ -methyl-L-Serine(OtBu)	914399-98-7
H-D-HomoPhe-OH	82795-51-5
H-D-HomoPhe-OH	82795-51-5
H-Phe(4-Br)-Ome.HCl	99359-32-7
Fmoc-L-tBuAla-OH	139551-74-9
Fmoc-D-Aph(Cbm)-OH	324017-22-3
Fmoc-D-Aph(Cbm)-OH	324017-22-3
Fmoc-Aph(Hor)-OH	1253282-31-3
Boc-D- $\beta$ -homovaline	179412-79-4
Boc-D-Phg(4-OH)-OH	27460-85-1
Fmoc-TmbGly-OH	166881-43-2



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Chemical Name	CAS Number
H-D-Nle-OMe. HCl	60687-33-4
(S)-6-(benzyloxycarbonyl)-6-azaspiro(2.5)octane-1-carboxylic	1539277-98-9
(R)-6-(benzyloxycarbonyl)-6-azaspiro(2.5)octane-1-carboxylic	1539277-95-6
Boc-3-(2-Naphthyl)-D-alanine	76985-10-9
Fmoc-Pen(Acm)-OH	201531-76-2
Fmoc-Phg-OH	102410-65-1
DL-m-Tyrosine	775-06-4
Fmoc-Dapa(Boc)-OH	162558-25-0
Fmoc-Dapa(Boc)-OH	162558-25-0
Fmoc-Phe(3-F)-OH	198560-68-8
Fmoc-D-Pra-OH	220497-98-3
Z-Nva-OH	21691-44-1
Fmoc-D-Bip(4,4)-OH	205526-38-1
Fmoc-D-Bip(4,4)-OH	205526-38-1
Boc-±-trans-4-(4-methyl-phenyl)-pyrrolidine-3-carboxylic	959577-53-8
Boc-4-F-D-Phe	57292-45-2
3-Br-Phe-OH	82311-69-1
Fmoc-Phe(4-Me)-OH	199006-54-7
Boc-D-Phe(4-Me)-OH	80102-27-8
3-Cyano-N-Fmoc-L-alanine	127273-06-7
Fmoc-Oic-OH	130309-37-4
Boc-D-Phe(3-F)-OH	114873-11-9
Boc-ε-Acp-OH	6404-29-1
Fmoc-L-3,3-Diphenylalanine	201484-50-6
Fmoc-D-Phe(F5)-OH	198545-85-6
Fmoc-D-Aph(Cbm)-OH	324017-22-3
Fmoc-Phg(4-Cl)-OH	
Fmoc-Aph(Hor)-OH	1253282-31-3
(R)-3-Amino-3-(3-fluoro-phenyl)-propionic acid hydrochloride	499794-73-9
Fmoc-3-L-Ala(2-thienyl)-OH	130309-35-2
Boc-Phe(3-F)-OH	114873-01-7
Fmoc-Phe(2-F)-OH	205526-26-7
Boc-D-Tic-OH	115962-35-1
Boc-D-HomoPro-OH	28697-17-8
Fmoc-(S)-3-Amino-3-phenylpropionic acid	209252-15-3





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Chemical Name	CAS Number
Boc-Thz-OH	51077-16-8
L-环戊基甘氨酸	2521-84-8
Fmoc-L-2,3-Dimethylphe	1270295-08-3
Fmoc-L-3,4-Dimethylphe	1217620-19-3
Fmoc-D-3,4-Dimethylphe	1217683-87-8
Fmoc-3-L-Ala(2-thienyl)-OH	130309-35-2
Fmoc-3-L-Ala(2-thienyl)-OH	130309-35-2
Fmoc-D-2,3-Dimethylphe	1270290-64-6
H-D-Phe(4-NO <sub>2</sub> )-OH.H <sub>2</sub> O	56613-61-7
Fmoc-D-2Me(Phe)-OH	352351-63-4
Fmoc-Phe(4-tBu)-OH	213383-02-9
Fmoc-Phe(4-tBu)-OH	213383-02-9
Boc-(S)-3-Amino-3-phenylpropionic acid	103365-47-5
3-(1-Naphthyl)-L-alanine	55516-54-6
3-Cyclopentane-L-alanine	
Boc-4-Abz-OH	66493-39-8
Fmoc-D-4-Carbamoylphe	1217610-39-3
L-Homoallylglycine	90989-12-1
Fmoc-7-Ahp-OH	127582-76-7
L-β-homovaline.HCl	219310-09-5
Boc-cis-Hyp-OH	87691-27-8
Boc-Phe(2-Br)-OH	261165-02-0
H-D-Chg-OH	14328-52-0
Fmoc-Orn-OH	
H-Hyp(tBu)-OtBu.HCl	367453-05-2
Boc-Glu(Pip)-OH	116596-43-1
Fmoc-Daba(Boc)-OH	125238-99-5
Fmoc-Daba(Boc)-OH	125238-99-5
Boc-L-3-Nitrophe	131980-29-5
Ac-D-Ala(2-naphthyl)-OH	37440-01-0
Z-Aib-OSu	
Fmoc-L-Isovaline	857478-30-9
Fmoc-3-(1-Naphthyl)-L-alanine	96402-49-2
Boc-Phe(4-NO <sub>2</sub> )-OH	33305-77-0
Boc-Pyr-OH	53100-44-0



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Chemical Name	CAS Number
Boc-(R)-3-Amino-3-(4-bromo-phenyl)-propionic acid	261380-20-5
Fmoc-3-(1-Naphthyl)-D-alanine	138774-93-3
Z-Pyr-Osu	40291-26-7?
Fmoc-Hyp(tBu)-OH(非動物来源)	
Boc-Cis-4-F-Pro-OH	203866-13-1
Boc-L-Cyclopentylalanine	143415-31-0
4-Amino-L-Phe	943-80-6
4-Amino-D-Phe	
Fmoc-Hyp(Bom)-OH	187223-15-0
Fmoc-trans-4-Amc-OH	167690-53-1
Fmoc-Abu(N3)-OH	942518-20-9
(R)-N-Fmoc-Octylglycine	220497-96-1
Fmoc-HomoCys(Trt)-OH	167015-23-8
H-Phe(4-I)-OH	24250-85-9
H-Phe(4-I)-OH	24250-85-9
Fmoc-Tyr(3-NO <sub>2</sub> )-OH	136590-09-5
Fmoc-Lys(Me) <sub>3</sub> -OH Chloride	201004-29-7
Boc-4-Br-Phe-OH	62129-39-9
Boc-D-Abu-OH.DCHA	27494-47-9
H-DL-Phe(4-Cl)-OMe.HCl	14173-40-1
H-Hyp(tBu)-OH	79775-07-8
H-Sar-OBzl.TosOH	54384-06-4
3-I-Tyr-OH	70-78-0
Boc-Thz-OH	51077-16-8
Fmoc-Hyp(tBu)-OH(非動物来源)	
Fmoc-Hyp(tBu)-OH(非動物来源)	
Fmoc-Cha-OH	135673-97-1
Boc-Dab(Z)-OH.DCHA	16947-89-0
Boc-Dab(Boc)-OH.DCHA	201472-66-4
Fmoc-D-trans-Hyp-OH	



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Chemical Name	CAS Number
Fmoc-L-tBuAla-OH	139551-74-9
Fmoc-L-Isovaline	857478-30-9
Fmoc- $\alpha$ -methyl-L-2-Fluorophe	1172127-44-4
Boc-3-(2-Naphthyl)-L-alanine	58438-04-3
Fmoc-Dab(Fmoc)-OH	201473-83-8
H-Tle-OMe.HCl	63038-27-7
Z-D-Dap-OH	62234-37-1
Fmoc-D-Chg-OH	198543-96-3
Boc-D-Chg-OH	70491-05-3
Fmoc-Phe(3-Br)-OH	220497-48-3
Boc-HomoPhe-OH	100564-78-1
H-D-Tic-OH	103733-65-9
N-Fmoc-(S)-2-pentylglycine	1197020-22-6
Boc-D-trans-Hyp-OH	
Fmoc-D-Cha-OH	144701-25-7
Fmoc-Phe(4-CN)-OH	173963-93-4
Z-Pyr-OH	32159-21-0
Z-Pyr-OH	32159-21-0
Boc-tBuAla-OH	79777-82-5
Fmoc-D-HomoPhe-OH	135944-09-1
Boc-4-Amc-OH(cis/trans mixture)	162046-58-4
H-D-Nle-OH	327-56-0
H-D-Nle-OH	327-56-0
Fmoc-(S)-2-aminononanoic acid	1262886-65-6
Fmoc-Cit-OH	133174-15-9
Fmoc-Cit-OH	133174-15-9
Z-Tic-OH	79261-58-8
Fmoc- $\beta$ -(2-thienyl)-D-alanine	201532-42-5
Boc-4-Chloro-Phe-OH	68090-88-0
Boc-(R)-3-Amino-3-(4-bromo-phenyl)-propionic acid	261380-20-5
Fmoc-Cys(PhAcM)-OH	159680-21-4
Fmoc-Phe(3,4-DiF)-OH	198560-43-9
Fmoc-Tyr(3,5-I2)-OH	103213-31-6
Fmoc- $\beta$ -HomoAsp(OtBu)-OH	209252-17-5
Fmoc-Phe(2-F)-OH	205526-26-7



## 100g以上供給可能なGL Biochem社製品リスト【非天然アミノ酸】

Chemical Name	CAS Number
H-D-HomoLeu-OH	
Fmoc-beta-chloro-L-alanine	212651-52-0
Boc-D-trans-Hyp-OMe	135042-17-0
H-Aib-OtBu.HCl	84758-81-6
4-Chloro-L-D-Phe-OMe.HCl	33965-47-8
Fmoc-N-Me-Abu-OH	1310575-53-1
Fmoc-Phe(4-F)-OH	169243-86-1
H-Sar-OtBu.HCl	136088-69-2
H-Sar-OtBu.HCl	136088-69-2
H-Phe(2-Br)-OH	42538-40-9
H-Phe(2-Br)-OH	42538-40-9
H-Dab-OH.HCl	1482-98-0
Fmoc-Tyr(3-I)-OH	134486-00-3
H-Phe(2-F)-OH	19883-78-4
Z-Aib-OH	15030-72-5
Boc-Dab(Boc)-OH.DCHA	201472-66-4
Boc-Phe(2-F)-OH	114873-00-6
Fmoc-D-Aph(tBuCbz)-OH	
Fmoc-D-Phe(2-CN)-OH	401620-74-4
H-Orn-OEt.2HCl	84772-29-2
Fmoc-D-Cit-OH	200344-33-8
Fmoc-D-Cit-OH	200344-33-8
Boc-Phe(3,5-DiF)-OH	205445-52-9
Fmoc-D-N-Me-Phg-OH	
Fmoc-3-(3-Pyridyl)-D-alanine	142994-45-4
3-(4-Pyridyl)-D-alanine.2HCl	174096-41-4
Fmoc-Phe(4-Cl)-OH	175453-08-4
Boc-D-Abu-OH	45121-22-0
Fmoc-2,3-dehydro-Valine	198546-38-2
Fmoc-D-2-Furylalanine	220497-85-8
3-fluoro-L-tyrosine	7423-96-3
Boc-DL-Nip-OH	84358-12-3
H-Octyl-Gly-OH(S)	84277-81-6
Boc-Dap(Boc)-OH.DCHA	201472-68-6
Boc-D-Tic-OH	115962-35-1



## 100g以上供給可能なGL Biochem社製品リスト【非天然アミノ酸】

Chemical Name	CAS Number
Boc-D-trans-Hyp-OH	
H-Sar-OMe.HCl	13515-93-0
Boc-β-HomoAla-OH	158851-30-0
Fmoc-4-carbamoylphenylalanine	204716-17-6
Boc-Phe(4-CN)-OH	131724-45-3
Z-D-Dap(Boc)-OH	62234-36-0
Fmoc-HomoSer(Trt)-OH	111061-55-3
Fmoc-3-Cl-D-Phe	205526-23-4
Boc-D-Tic-OH	115962-35-1
Boc-3-Cl-D-Phe	80102-25-6
Fmoc-Homoser(TBDMS)-OH	1333332-17-4
Fmoc-Homoser(TBDMS)-OH	1333332-17-4
Fmoc-1-amino-1-cyclopropane carboxylic acid	126705-22-4
(R)-N-(trifluoroacetyl)phenylalanine	7656-14-6
H-Phe(4-Cl)-OH	14173-39-8
H-Phe(4-Cl)-OH	14173-39-8
Fmoc-PNA-T-OH	169396-92-3
H-Aib-OBzl.HCl	60421-20-7
Fmoc-4-Amb-OH	164470-64-8
H-Octyl-Gly-OH(R)	84276-16-4
Fmoc-D-Phe(4-Cl)-OH	142994-19-2
Fmoc-D-Phe(4-Cl)-OH	142994-19-2
H-HomoArg-OH	156-86-5
Z-Hyp(tBu)-OH	85201-91-8
H-D-Dapa(Boc)-OH	259825-43-9
Fmoc-D-Aph(L-Hor)-OH	
Fmoc-D-Phe(4-Me)-OH	204260-38-8
Fmoc-L-7-AzaTrp-OH	737007-45-3
Fmoc-Aph(Hor)-OH	1253282-31-3
H-Phe(4-NO2)-Ome.HCl	17193-40-7



## 100g以上供給可能なGL Biochem社製品リスト【非天然アミノ酸】

Chemical Name	CAS Number
Fmoc-Pen(Acm)-OH	201531-76-2
Fmoc-(S)-2-aminohex-4-ynoic acid	859841-96-6
H-Pyr-OEt	7149-65-7
Fmoc-Dap-OH	181954-34-7
Boc-Phe(3-CN)-OH	131980-30-8
Fmoc-3-(4-pyridyl)-L-alanine	169555-95-7
Boc-Phg-OH	2900-27-8
Fmoc-D-4-Carbamoylphe	1217610-39-3
3-(3-Pyridyl)-D-alanine.2HCl	93960-21-5
Fmoc-D-Phe(3-I)-OH	
4-Bromo-Phe-OH	24250-84-8
Fmoc-Trp(1-Me)-OH	1334509-86-2
Fmoc-D-β-homovaline	266318-79-0
Fmoc-L-Isovaline	857478-30-9
Boc-ThpGly-OH	172843-97-9
Boc-Oic-OH	109523-13-9
Boc-Cha-OH.xH2O	212574-35-1
H-tBuAla-OH	57224-50-7
Fmoc-3-(4-pyridyl)-L-alanine	169555-95-7
Fmoc-Cys(PhAcm)-OH(非動物源)	159680-21-4
Boc-Tic-OH	78879-20-6
3-(2-Naphthyl)-L-alanine.HCl	122745-12-4
Z-Chg-OH	69901-75-3
Z-Chg-OH	69901-75-3
H-Phg(4-Cl)-OH	67336-19-0
Boc-Homoser-OH	41088-86-2
H-Phe(3-CN)-OH	57213-48-6
Fmoc-ε-Acp-OH	88574-06-5
Fmoc-D-Cit-OH	200344-33-8
Fmoc-Pra-OH	198561-07-8
Fmoc-Pra-OH	198561-07-8
1-(Fmoc-amino)cyclopentaecarboxylic acid	117322-30-2
Fmoc-Trp(1-Me)-OH	1334509-86-2
Fmoc-Phe(2,6-DiF)-OH	
Fmoc-D-Dap(Boc)-OH	198544-42-2



## 100g以上供給可能なGL Biochem社製品リスト【非天然アミノ酸】

Chemical Name	CAS Number
Fmoc-D-Tyr(Et)-OH	162502-65-0
N-Fmoc-(R)-2-Pentylglycine	1629051-80-4
Boc-Orn(Aloc)-OH	171820-74-9
L-3,3-Diphenylalanine	149597-92-2
Fmoc-D-Tyr(Et)-OH	162502-65-0
H-HomoLeu-OH	
H-DL-Phe(4-NO <sub>2</sub> )-OH	2292-40-9
H-D-Phe(3-CN)-OH	263396-43-6
Fmoc-N-Me-Cys(Trt)-OH	944797-51-7
(S)-3-Amino-butyric acid methyl ester.HCl( $\beta$ -HoAla-OMe.HCl)	139243-55-3
Fmoc-12-Ado-OH	128917-74-8
H-Allo-Thr-OH	28954-12-3
H-Allo-Thr-OH	28954-12-3
H-GABA-OtBu.HCl	58640-01-0
H-GABA-OtBu.HCl	58640-01-0
Boc-Chg-OH	109183-71-3
Fmoc-11-aminoundecanoic acid	
N-Fmoc-R-2-amino-Nonanoic acid	1262886-66-7
N-Fmoc-(S)-2-pentylglycine	1197020-22-6
Boc-D-Phe(3-CN)-OH	205445-56-3
H-tBuAla-OH	57224-50-7
Boc-azetidine-3-carboxylic acid	142253-55-2
Fmoc-4-(2-(Boc-amino)ethoxy)-L-phenylalanine	1013883-02-7
H-D-HomoLeu-OH	
D-Cyclopentylglycine	2521-86-0
Fmoc-D-3,3-Diphenylalanine	189937-46-0
Boc-CycloLeucine	35264-09-6
Fmoc-L-Aoc(2)-OH	888725-91-5
Fmoc-D-Aoc(2)-OH	888725-90-4
H-Sar-NH <sub>2</sub> .HCl	5325-64-4
Fmoc-D-Chg-OH	198543-96-3
Boc-( $\pm$ )-trans-4-Phenyl-pyrrolidine-3-carboxylic acid	221142-28-5
3-(2-Naphthyl)-D-alanine	76985-09-6
H-Phe(4-Bz)-OH	104504-45-2
Fmoc-(S)-3-Amino-2-methylpropanoic acid	203854-58-4



## 100g以上供給可能なGL Biochem社製品リスト【非天然アミノ酸】

Chemical Name	CAS Number
(S)-2-Amino-3-(3-(Methylsulfonyl)Phenyl)Propanoic Acid.HCl	2177264-60-5
Fmoc-3-(4-thiazolyl)-Alanine	205528-32-1
Fmoc-Dab(Alloc)-OH(Fmoc-Dab(Aloc)-OH)	204316-32-5
H-HomoCit-OH	1190-49-4
L-isovaline	595-40-4
H-DL-Phe(3-Br)-OH	30163-20-3
Fmoc-Gly(cyclopentyl)-OH(Fmoc-环戊基甘氨酸)	220497-61-0
Fmoc-L-2-(5-Bromothieryl)alanine	220497-50-7
H-D-tBuAla-OH	88319-43-1
Fmoc-D-N-Me-Phg-OH	
5-Boc-5-aza-spiro(2.3)hexane-1-carboxylic acid	1251012-82-4
Fmoc-Hyp(Bom)-OH	187223-15-0
Fmoc-PNA-G(Bhoc)-OH	186046-83-3
Z-DL-Pyr-OH	
Fmoc-(R)-3-Amino-2-methylpropanoic acid	211682-15-4
Fmoc-(S)-3,3-dimethylazetidene-2-carboxylic acid	2231665-66-8
Fmoc-D-Aph(tBuCbm)-OH	
Fmoc-beta-Iodo-D-Ala-OMe	
Fmoc-D-4-Carbamoylphe	1217610-39-3
Fmoc-Trp(1-Me)-OH	1334509-86-2
Fmoc-IDC-OH	198560-38-2
Boc-D-Phe(4-NH2)-OH	164332-89-2
Boc-Bip(4,4)-OH	147923-08-8
Fmoc-L-Tyr(SO <sub>2</sub> (ONEopentyl))-OH	878408-63-0
4-Bromo-Phe-OH	24250-84-8
4-Bromo-Phe-OH	24250-84-8
1-(Boc-amino)cyclopropanecarboxylic acid	88950-64-5
Fmoc-HomoPro-OH	86069-86-5
Fmoc-L-2-Trifluoromethylphe	352523-16-1
$\alpha$ -methyl-L-2-Fluorophe	130780-36-8
(S)-N-Fmoc- $\alpha$ -(4-Pentenyl)Alanine	288617-73-2
H-L-Gly(Allyl)-OH	16338-48-0
Fmoc-D-3-Thienylalanine	220497-90-5
Fmoc-D-2-Trifluoromethylphe	352523-15-0
Fmoc-N-Me-Cys(Trt)-OH	944797-51-7





## 100g以上供給可能なGL Biochem社製品リスト【非天然アミノ酸】

Chemical Name	CAS Number
4-Bromo-Phe-OH	24250-84-8
Fmoc-Azetidine-3-carboxylic acid	193693-64-0
1,5-Anhydro-2-deoxy-D-arabino-hex-1-enitol3,4,6-Tri-O-acetyl	2873-29-2
1,5-Anhydro-2-deoxy-D-arabino-hex-1-enitol3,4,6-Tri-O-acetyl	2873-29-2
Boc-β-(3-thienyl)-D-Ala-OH.DCHA	331730-14-4
Boc-trans-4-Amc-OH	27687-14-5
Fmoc-2,6-dimethyl-L-tyrosine	206060-54-0
Fmoc-Bip(4,4)-OH	199110-64-0
H-DL-Phe(4-I)-OH	14173-41-2
Boc-Phe(3-CF3)-OH	142995-31-1
Fmoc-Homoserine	
Fmoc-N-Me-Cys(Trt)-OH	944797-51-7
Boc-D-Phe(3,4-Cl2)-OH	114873-13-1
H-DL-Phe(4-Br)-OH	14091-15-7
Boc-Phe(4-CN)-OH	131724-45-3
Boc-DL-Phe(4-Cl)-OH	51301-86-1
N-Fmoc-N(isopropyl)glycine	
Fmoc-D-Homoserine	
Boc-D-Phe(4-I)-OH	176199-35-2
3-Nitro-Tyr	621-44-3
L-1,2,3,4-Tetrahydronorharman-3-carboxylic acid	42438-90-4
Fmoc-1-amino-1-cyclobutane carboxylic acid	885951-77-9
Z-D-Homopro-OH	
Fmoc-L-1,2,3,4-Tetrahydronorharman-3-carboxylic acid	204322-23-6
Fmoc-L-3-Methylphe	211637-74-0
Fmoc-D-3-Methylphe	352351-64-5
Fmoc-D-Bip(4,4)-OH	205526-38-1
Fmoc-N-Me-Cha-OH	
Boc-L-1,2,3,4-Tetrahydronorharman-3-carboxylic acid	66863-43-2
Fmoc-D-3-CF3-Phe	205526-28-9
Fmoc-N-Me-Cys(Trt)-OH	944797-51-7
3-(2-Naphthyl)-D-alanine	76985-09-6
Fmoc-Homoserine	
Fmoc-Phe(2-Br)-OH	220497-47-2
H-DL-Phe(4-Cl)-OH	7424-00-2



## 100g以上供給可能なGL Biochem社製品リスト【非天然アミノ酸】

Chemical Name	CAS Number
Fmoc-Phe(3-CF <sub>3</sub> )-OH	205526-27-8
D-1,2,3,4-Tetrahydronorharman-3-carboxylic acid	72002-54-1
Boc-D-1,2,3,4-Tetrahydronorharman-3-carboxylic acid	123910-26-9
Fmoc-D-1,2,3,4-Tetrahydronorharman-3-carboxylic acid	268731-07-3
H-Dapa(Boc)-OMe.HCl	114559-25-0
Boc-8-Aoc-OH	30100-16-4
Fmoc-Aad(OtBu)-OH	159751-47-0
Fmoc-beta-Iodo-L-Ala-OMe	156017-42-4
(S)-3-Amino-3-(3-nitro-phenyl)-propionic acid	734529-57-8
(R)-3-Amino-3-(3-nitro-phenyl)-propionic acid	787544-61-0
Boc-D-Pyr-OH	160347-90-0
Z-Aze-OH	25654-52-8
S-3-Br-PHA	275826-35-2
Fmoc-Phe(4-NHBoc)-OH	
Fmoc-Daba(Boc)-OH	125238-99-5
Boc-Cis-1,4-ACHC-OH	53292-90-3
Fmoc-Hyp-OH(非動物源)	
(S)-2-(N-Cbz-N-methyl-amino)-2-cyclopentylacetic acid	
(S)-2-(N-Fmoc-N-methyl-amino)-2-cyclopentylacetic acid	187475-29-2
D-Fmoc-Azetidine-2-carboxylic acid	374791-02-3
(R)-5,5-Dimethyl-1,3-thiazolidine-4-carboxylic acid	72778-00-8
(S)-2-((((9H-FLUOREN-9-YL)METHOXY)CARBONYL)AMINO)-3-(2-CHLOR	1381787-76-3
Fmoc- $\alpha$ -methyl-L-2-Fluorophe	1172127-44-4
Fmoc-N-Me-Cys(Trt)-OH	944797-51-7
H-GABA-OtBu.HCl	58640-01-0
H-Sar-OBzl.HCl	40298-32-6
Fmoc-D-Gly(cyclopentyl)-OH	136555-16-3
Fmoc-Nip-OH	193693-68-4
Fmoc-D-Chg-OH	198543-96-3
Fmoc-DOPA(acetonide)-OH	852288-18-7



## 100g以上供給可能なGL Biochem社製品リスト【非天然アミノ酸】

Chemical Name	CAS Number
Fmoc-Gly(cyclopentyl)-OH(Fmoc-环戊基甘氨酸)	220497-61-0
Fmoc-4-(tert-butoxycarbonylmethoxy)-L-phenylalanine	181951-92-8
Fmoc-DL-Nip-OH	158922-07-7
Fmoc-Dapa(Z)-OH	204316-36-9
Boc-D-HomoPro-OH	28697-17-8
Fmoc-D-Aph(tBuCbm)-OH	
Fmoc-3-L-Ala(2-thienyl)-OH	130309-35-2
Fmoc-3-L-Ala(2-thienyl)-OH	130309-35-2
Boc-Ida-OH	56074-20-5
Boc-(±)-trans-4-isopropyl-pyrrolidine-3-carboxylic acid	1212348-80-5
Fmoc-D-Pra-OH	220497-98-3
H-D-Abu-OtBu.HCl	
Fmoc-β-HomoGlu(OtBu)-OH	203854-49-3
4-Nitro-DL-Phe-OH	2922-40-9(net)
Fmoc-Sar-OH	77128-70-2
Fmoc-Sar-OH	77128-70-2
Fmoc-Bpa-OH	117666-96-3
Ac-2-Nal-OH	37439-99-9
Fmoc-4-Abz-OH	185116-43-2
Fmoc-D-Aph(tBuCbm)-OH	
Fmoc-D-Pra-OH	220497-98-3
3,5-Dinitro-Tyr-OH	17360-11-1
Fmoc-N-Me-Cha-OH	
Fmoc-N-Me-D-Abu-OH	
H-Sar-OMe.HCl	13515-93-0
H-D-Phe(4-Cl)-OH	14091-08-8
H-D-Phg(4-Cl)-OH	43189-37-3
Fmoc-Phe(3-I)-OH	210282-31-8
H-Dab(Boc)-OH	10270-94-7
Fmoc-DL-β-Phe-OH	
Boc-HomoPro-OH	26250-84-0
Fmoc-8-Aoc-OH	126631-93-4
Fmoc-Phe(4-NO <sub>2</sub> )-OH	95753-55-2
Fmoc-N-Me-D-Nva-OH	
Fmoc-Phe(4-CF <sub>3</sub> )-OH	247113-86-6



## 100g以上供給可能なGL Biochem社製品リスト【非天然アミノ酸】

Chemical Name	CAS Number
Fmoc-Cpa-OH	214750-76-2
Fmoc-D-Aph(tBuCbm)-OH	
Fmoc-D-Phe(4-NHBoc)-OH	214750-77-3
Fmoc-β-HomoGln(trt)-OH	401915-55-7
Fmoc-Cyclopropylglycine	1212257-18-5
Boc-Phe(4-NH2)-OH	55533-24-9
Fmoc-D-HomoPro-OH	101555-63-9
Fmoc-D-Tic-OH	130309-33-0
Fmoc-D-Tic-OH	130309-33-0
Fmoc-Aib-OH	94744-50-0
H-Phe(4-NO2)-Ome.HCl	17193-40-7
Fmoc-11-aminoundecanoic acid	
4-Methyl-D-Phe-OH	49759-61-7
Fmoc-L-2,4-Difluorophe	1032337-49-7
Boc-Phe(3-F)-OH	114873-01-7
Boc-Phe(3-F)-OH	114873-01-7
Fmoc-Orn(N3)-OH	1097192-04-5
Z-Dap(Boc)-OH	16947-84-5
3-Br-Phe-OH	82311-69-1
Boc-3-amino-4-methylbenzoic acid	231958-04-6
H-Nle-OBzl.TosOH	63219-55-6
Fmoc-3-(2-pyridyl)-D-Ala-OH	
Fmoc-Tyr(Me)-OH (Fmoc-4-Methoxy-Phe)	77128-72-4
Boc-D-3-Abu-OH	159991-23-8
Boc-β-HomoSer(Bzl)-OH	218943-31-8
H-D-Phe(3-Br)-OH	99295-78-0
Boc-4-Amb-OH	33233-67-9
Fmoc-Phe(4-NH2)-OH	95753-56-3
H-Sar-Oet.HCl	52605-49-9
Fmoc-Orn(N3)-OH	1097192-04-5
Fmoc-Tyr(Me)-OH (Fmoc-4-Methoxy-Phe)	77128-72-4
H-Sar-Oet.HCl	52605-49-9
Fmoc-(Phenethyl)Gly-OH	540483-58-7
Boc-L-2-Trifluoromethylphe	167993-21-7
Boc-Cyclopropylglycine	155976-13-9



## 100g以上供給可能なGL Biochem社製品リスト【非天然アミノ酸】

Chemical Name	CAS Number
Fmoc-Tyr(3-Cl)-OH	478183-58-3
Fmoc-D-Dap(Alloc)-OH	178924-05-5
H-Hyp-OMe. HCl(植物源)	
Boc-D-Chg-OH	70491-05-3
Fmoc-D-Tyr(3-I)-OH	244028-70-4
Fmoc-HomoArg(Et) <sub>2</sub> -OH.HCl(symmetrical)	
3-D-Iodo-Tyr-OH	
Fmoc-Phe(4-Me)-OH	199006-54-7
Fmoc-Aib-OH	94744-50-0
Fmoc-Dab(Dde)-OH	235788-61-1
Boc-Dapa(Fmoc)-OH	122235-70-5
Boc-D-HomoPhe-OH	82732-07-8
H-L-Pen-OH.HCl.H <sub>2</sub> O	
Fmoc-3-Amino-4-MethylBenzoic acid	1072901-59-7
Fmoc-Dab(Dde)-OH	235788-61-1
N-Fmoc-7-methyl-L-tryptophan	1808268-53-2
Fmoc-Phe(4-Me)-OH	199006-54-7
Fmoc-β-Homo-Ser(tBu)-OH	203854-51-7
Fmoc-3-(2-Naphthyl)-D-alanine	138774-94-4
Fmoc-S-2,3-dihydro-2-oxo-Tryptophan	1290040-14-0
Fmoc-D-HomoPro-OH	101555-63-9
H-D-Pen(MOB)-OH	
H-Aib-Oet.HCl	17288-15-2
Boc-D-Dab-OH	80445-78-9
Fmoc-D-Dap(Boc)-OH	198544-42-2
N-Fmoc-7-methyl-L-tryptophan	1808268-53-2
Boc-Phe(2-Me)-OH	114873-05-1

