
GL Biochem Catalogue Compound Fmoc-Phe(F5)-OH Specifications & Structure Indications

IUPAC Name	(2S)-2-(9H-fluoren-9-ylmethoxycarbonylamino)-3-(2,3,4,5,6-pentafluorophenyl)propanoic acid
Synonyms	FMOC-PHE(F 5)-OH;FMOC-PENTAFLUORO-L-PHENYLALANINE;FMOC-PENTAFLUORO-L-PHE-OH;FMOC-L-PHE(F5)-OH;FMOC-L-PENTAFLUOROPHE;FMOC-L-PENTAFLUOROPHENYLALANINE;N-ALPHA-(9-FLUORENYLMETHYLOXYCARBONYL)-L-PENTAFLUORO-PHENYLALANINE;N-ALPHA-(9-FLUORENYLMETHOXYCARBONYL)-L-PENTAFLUOROPHENYLALANINE
GLB Cat#	31137
SMILES	<chem>FC1=C(F)C(F)=C(F)C(F)=C1C[C@@H](C(O)=O)NC(OCC2C3=CC=CC=C3C4=CC=CC=C42)=O</chem>
Molecular Weight	477.3811
Specific Rotation $[\alpha]^{20}_D$	-35.0°±2.0°(C=1 in DMF)
Optical purity	≤0.5% L Enantiomer Fmoc-D-Phe(F5)-OH
Melting Point	>150°C
Solubility	0.3 gram in 2ml DMF clear solution
Loss on drying	N/A
Water Content (K.F.)	≤4.0%
NMR Spectrum	Complies with the structure
Mass Spectrum	Complies with the structure
IR Spectrum	Complies with the structure

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