GL Biochem Catalogue Compound Fmoc-L-Aph(L-Hor)-OH Specifications & Structure Indications

IUPAC Name	(2S)-3-(4-((4S)-2,6-dioxo-1,3-diazinane-4-amido)phenyl)-2-((((9H-fluoren-9-yl)methoxy]carbonyl)amino)propanoic acid
Synonyms	N-[(9H-Fluoren-9-ylMethoxy)carbonyl]-4-[[[(4S)-hexahydro-2,6-dioxo-4-pyriMidinyl]carbonyl]aMino]-L-phenylalanine;Fmoc-Aph(Hor)-OH;(S)-2-((((9H-Fluoren-9-yl)methoxy)carbonyl)amino)-3-(4-((S)-2,6-dioxohexahydropyrimidine-4-carboxamido)phenyl)propanoic acid;Fmoc-D-Aph(D-H)-OH;(9H-Fluoren-9-yl)MethOxy]Carbonyl L-Aph(L-Hor)-OH;Fmoc-4-Aph(L-Hor);Fmoc-Aph(L-Hor)-OH
GLB Cat#	23702
SMILES	OC(=O)[C@H](CC1=CC=C(NC(=O)[C@H]2CC(=O)NC(=O)N2)C=C1)NC(=O)OCC1C2=C(C=CC=C2)C2=C1C=CC=C2
Molecular Weight	542.4
Specific Rotation[a]^{20}/D	+41°~+44°(C=1 in DMF)
Optical purity	≤0.25% Fmoc-D-Aph(D-Hor)-OH Enantiomer
Melting Point	Not Measured Yet
Solubility	0.3 gram in 2ml DMF clear solution
Loss on drying	≤4.0% (105°, 2h)
Water Content (K.F.)	≤2.0%
NMR Spectrum	Complies with the structure
Mass Spectrum	Complies with the structure
IR Spectrum	Complies with the structure

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