

IUPAC Name	(2S)-2-({[(9H-fluoren-9-yl)methoxy]carbonyl}amino)-3-(triphenylmethoxy)propanoic acid
Synonyms	FMoc-Ser(trt);FMOC-L-SER(TRT)-OH; FMOC-O-TRITYL-L-SERINE;FMOC-SERINE(TRT)-OH FMOC-SER(TRT)-OH; n-(9-fluorenylMethoxycarbonyl)-o-trityl-l-serine N-ALPHA-(9-FLUORENYLMETHOXYCARBONYL)-O-TRITYL-L-SERINE; N-ALPHA-(9-FLUORENYLMETHYLOXYCARBONYL)-O-TRITYL-L-SERINE N-ALPHA-FMOC-O;
GLB Cat#	36108
SMILES	<chem>O=C(O)[C@@H](NC(OCC1C2=CC=CC=C2C3=CC=CC=C31)=O)COC(C4=CC=CC=C4)(C5=CC=CC=C5)C6=CC=CC=C6</chem>
Molecular Weight	569.6471
Specific Rotation $[\alpha]^{20}_D$	+8°±1°(C=1 in DMF)
Optical purity	≤0.5% Fmoc-D-Ser(Trt)-OH Enantiometer
Melting Point	200~210°C
Solubility	0.3 gram in 2ml DMF clear solution
Loss on drying	≤2.0% (90°, 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