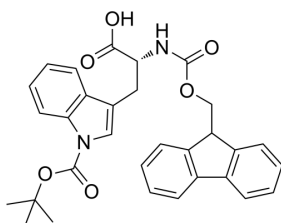


Certificate of Analysis

Product Name:	Fmoc-D-Trp(Boc)-OH
Cat. No.:	CS-0011045
CAS No.:	163619-04-3
Batch No.:	746748
Chemical Name:	D-Tryptophan, 1-[(1,1-dimethylethoxy)carbonyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₃₁ H ₃₀ N ₂ O ₆
Molecular Weight:	526.58
Storage:	Storage temp. 2-8°C
Chemical Structure:	



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (NMR):	≥98.0%
Water(KF):	0.68%
Optical Rotation:	21.5° (C=0.01 g/ml, DMF, 20°C, 589nm)
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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