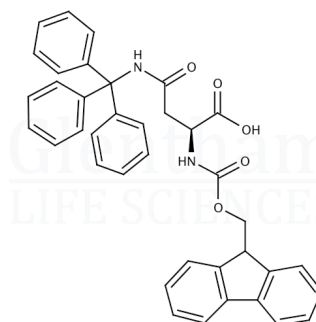


Certificate of Analysis

Product Name	Fmoc-Asn(Trt)-OH
Glentham Code	GM6525
CAS Number	132388-59-1
MDL Number	MFCD00077049
PubChem SID	310273505
Batch Number	412NPG

Molecular Weight	596.67
Molecular Formula	C ₃₈ H ₃₂ N ₂ O ₅
Storage Temp.	+4°C



Property	Specification	Batch 412NPG
Physical Description	White to almost white powder	White powder
Identification (NMR)	To conform to structure	Conforms
Identification (IR)	To conform to standard	Conforms
Solubility (10% in DMF)	Clear, colourless solution	Conforms
Specific Optical Rotation	-17.0 - -13.0 ° (c=1, methanol)	-15.8°
Melting Point	200 - 210 °C	203.0°C
Water (KF)	≤ 1.0%	0.16%
D-Enantiomer	≤ 0.3%	Not detected
Purity (TLC)	≥ 98%	≥98%
Purity (HPLC)	≥ 99.0%	99.42%

Specification Version	v1.0
Manufacture Date	2022-04-13
Re-Test Date	2029-07-08

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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