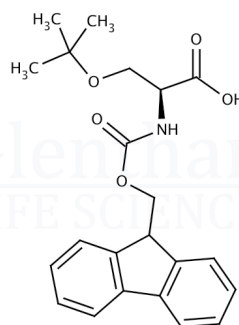


Certificate of Analysis

Product Name	Fmoc-Ser(tBu)-OH
Glentham Code	GM0224
CAS Number	71989-33-8
EINECS	276-260-6
MDL Number	MFCD00037127
PubChem SID	310273805
Batch Number	780EMG

Molecular Weight	383.44
Molecular Formula	C ₂₂ H ₂₅ NO ₅
Storage Temp.	+20°C



Property	Specification	Batch 780EMG
Physical Description	White powder	White powder
Solubility (10% in DMF)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ([α] ₂₀ /D)	+22.5 - +27.5 ° (c=1, ethyl acetate)	+26.9°
Melting Point	125.0 - 135.0 °C	131.9°C
Water (KF)	≤ 1.0%	0.1%
D-Enantiomer	≤ 0.3%	< 0.1%
Purity (TLC)	≥ 98%	> 98%
Purity (HPLC)	≥ 99.0%	99.9%

Specification Version	v1.0
Manufacture Date	2023-11-17
Re-Test Date	2029-04-15

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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