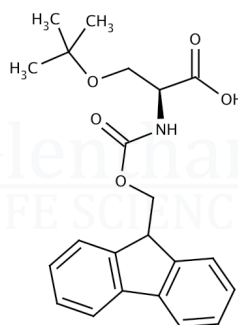


Certificate of Analysis

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 ($[\alpha]_{20/D}$)	+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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