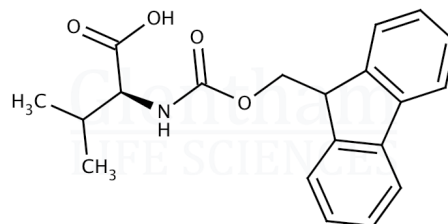


Certificate of Analysis

Product Name Fmoc-Val-OH
Glentham Code GM1305
CAS Number 68858-20-8
EINECS 272-515-0
MDL Number MFCD00037124
PubChem SID 310273870
Batch Number 822PKY

Molecular Weight 339.39
Molecular Formula $C_{20}H_{21}NO_4$
Storage Temp. +4°C



Property	Specification	Batch 822PKY
Physical Description	White powder	White powder
Solubility (10% in DMF)	Clear, colourless solution	Conforms
Specific Optical Rotation ($[\alpha]_{20/D}$)	-18.5 - -14.5 ° (c=1, DMF)	-16.6°
Melting Point	142.0 - 150.0 °C	145.9°C
Water (KF)	≤ 1.0%	0.09%
D-Enantiomer	≤ 0.3%	Not detected
Purity (TLC)	≥ 98%	≥98%
Purity (HPLC)	≥ 99.0%	99.62%

Specification Version v1.0
Manufacture Date 2022-03-08
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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