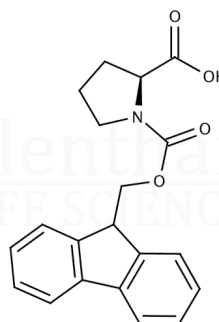


Certificate of Analysis

Product Name Fmoc-Pro-OH
Glenthams Code GM2265
CAS Number 71989-31-6
EINECS 276-259-0
MDL Number MFCD00037122
PubChem SID 310273781
Batch Number 216MRL

Molecular Weight 337.38
Molecular Formula $C_{20}H_{19}NO_4$
Storage Temp. +20°C



Property	Specification	Batch 216MRL
Physical Description	White to off-white or pale yellow crystalline powder	Off-white crystalline powder
Identification (IR)	To conform to standard	Conforms
Solubility (10% in DMF)	Clear, colourless to pale yellow solution	Conforms
Specific Optical Rotation	-30.0 - -34.0 ° (c=1, DMF)	-31.5°
Melting Point	110.0 - 118.0 °C	112.1°C
Water (KF)	≤ 3.0%	2.6%
Loss on Drying	≤ 1.0% (50°C, 2h)	0.8%
D-Enantiomer	≤ 0.3%	0.08%
Purity (TLC)	≥ 98%	Conforms
Purity (HPLC)	≥ 99.0%	99.7%

Specification Version v1.0
Manufacture Date 2023-07-01
Re-Test Date 2030-12-15

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

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