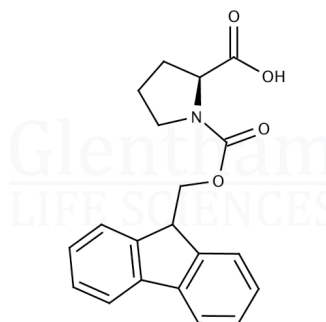


## Certificate of Analysis

Product Name Fmoc-Pro-OH  
Glentham Code GM2265  
CAS Number 71989-31-6  
EINECS 276-259-0  
MDL Number MFCD00037122  
PubChem SID 310273781  
Batch Number 512TRG

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



Property	Specification	Batch 512TRG
Physical Description	White to off-white or pale yellow crystalline powder	Pale yellow 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)	-33.5°
Melting Point	110.0 - 118.0 °C	116.8°C
Water (KF)	≤ 3.0%	0.9%
Loss on Drying	≤ 1.0% (50°C, 2h)	0.5%
D-Enantiomer	≤ 0.3%	≤ 0.1%
Purity (TLC)	≥ 98%	Conforms
Purity (HPLC)	≥ 99.0%	99.9%

Specification Version v1.0  
Manufacture Date 2024-08-26  
Re-Test Date 2030-09-19

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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