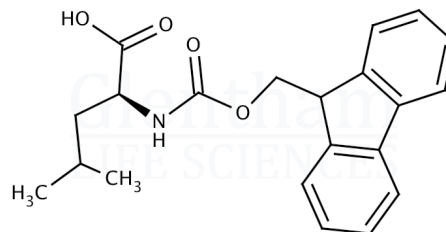


Certificate of Analysis

Product Name Fmoc-Leu-OH
Glentham Code GM6129
CAS Number 35661-60-0
EINECS 252-662-7
MDL Number MFCD00037133
PubChem SID 310273662
Batch Number 856GYT

Molecular Weight 353.42
Molecular Formula $C_{21}H_{23}NO_4$
Storage Temp. +20°C



Property	Specification	Batch 856GYT
Physical Description	White to almost white powder	Almost white powder
Identification	IR	Conforms
Solubility	10% in DMF: Clear, colourless solution	Clear, colourless solution
Melting Point	150.0 - 160.0 °C	155.8°C
Specific Optical Rotation	-23.0 - -27.0 ° (c=1, DMF)	-25.4°
Water (KF)	≤ 1.0%	0.1%
Loss on Drying	≤ 1.0% (60°C, 2h)	0.1%
D-Enantiomer	≤ 0.3%	0.0%
Purity (TLC)	≥ 98%	Conforms
Purity (HPLC)	≥ 99.0%	99.6%

Specification Version v1.0
Manufacture Date 2023-03-30
Re-Test Date 2030-12-15

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024