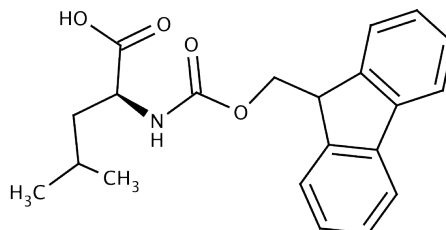


Product Specification

Product Name	Fmoc-Leu-OH
Glentham Code	GM6129
CAS Number	35661-60-0
EINECS	252-662-7
MDL Number	MFCD00037133
PubChem SID	310273662
Molecular Weight	353.42
Molecular Formula	C ₂₁ H ₂₃ NO ₄
Storage Temp.	+20°C



Property	Specification
Physical Description	White to almost white powder
Identification	IR
Solubility	10% in DMF: Clear, colourless solution
Melting Point	150.0 - 160.0 °C
Specific Optical Rotation	-23.0 - -27.0 ° (c=1, DMF)
Water (KF)	≤ 1.0%
Loss on Drying	≤ 1.0% (60°C, 2h)
Impurities	Fmoc-β-Ala-OH: ≤ 0.3%
	Fmoc-β-Ala-Leu-OH: ≤ 0.3%
	Fmoc-Leu-Leu-OH: ≤ 0.3%
	Largest Single Impurity: ≤ 0.3%
Residual Solvents	Ethyl Acetate: ≤ 0.5%
	Acetic Acid: ≤ 0.01%
D-Enantiomer	≤ 0.3%
Purity (TLC)	≥ 98%
Purity (HPLC)	≥ 99.0%
Specification Version	- v1.0
Date Created	- 2015-09-23

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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