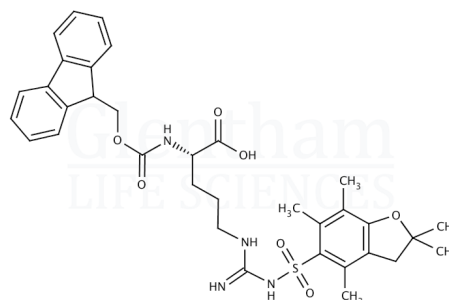


Certificate of Analysis

Product Name Fmoc-Arg(Pbf)-OH
Glentham Code GM9958
CAS Number 154445-77-9
MDL Number MFCD00235804
PubChem SID 310273497
Batch Number 263NJG

Molecular Weight 648.77
Molecular Formula $C_{34}H_{40}N_4O_7S$
Storage Temp. +20°C



Property	Specification	Batch 263NJG
Physical Description	White to almost white powder	White powder
Identification (IR)	To conform to standard	Conforms
Solubility (10% in DMF)	Clear, colourless to faint yellow solution	Conforms
Specific Optical Rotation	-6.0 - -3.0 ° (c=4, DMF)	-5.2°
Water (KF)	≤ 2.0%	0.26%
Loss on Drying	≤ 2.0% (50°C, 2h)	0.35%
D-Enantiomer	≤ 0.3%	0.03%
Purity (TLC)	≥ 98%	≥98%
Purity (HPLC)	≥ 99.0%	99.28%

Specification Version v1.1
Manufacture Date 2022-04-26
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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