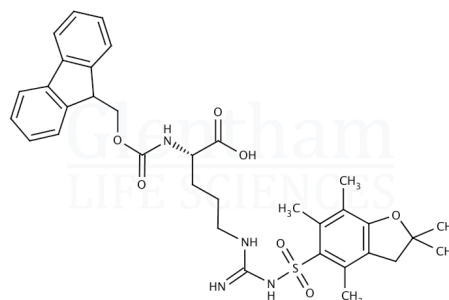


Certificate of Analysis

Product Name Fmoc-Arg(Pbf)-OH
Glentham Code GM9958
CAS Number 154445-77-9
MDL Number MFCD00235804
PubChem SID 310273497
Batch Number 297REG

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



| Property | Specification | Batch 297REG |
|---------------------------|--|--------------|
| 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) | -5.7° |
| Water (KF) | ≤ 2.0% | 0.2% |
| Loss on Drying | ≤ 2.0% (50°C, 2h) | 0.2% |
| D-Enantiomer | ≤ 0.3% | Conforms |
| Purity (TLC) | ≥ 98% | > 98% |
| Purity (HPLC) | ≥ 99.0% | 99.7% |

Specification Version v1.1
Manufacture Date 2024-01-10
Re-Test Date 2031-01-24

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