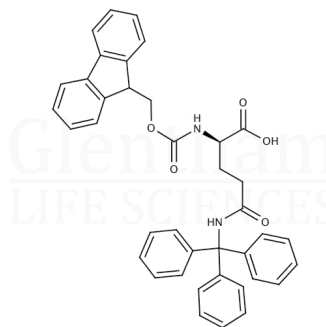


## Certificate of Analysis

Product Name	Fmoc-D-Gln(Trt)-OH
Glentham Code	GM3440
CAS Number	200623-62-7
PubChem SID	310273593
MDL Number	MFCD00151924
Batch Number	463QTQ
Molecular Weight	610.70
Molecular Formula	C <sub>39</sub> H <sub>34</sub> N <sub>2</sub> O <sub>5</sub>
Storage Temp.	+4°C



Property	Specification	Batch 463QTQ
Physical Description	White or off-white powder	White powder
Solubility (5% in DMF)	Clear, colourless to faint yellow solution	Clear, colourless solution
Specific Optical Rotation	+12.5 - +16.5 ° (c=1, DMF)	+16.1°
L-Enantiomer	≤ 1.0%	0.063%
Water (KF)	≤ 3.0%	0.26%
Loss on Drying	≤ 3.0%	0.51%
Purity (HPLC)	≥ 98.0%	99.61%

Specification Version	v1.0
Manufacture Date	2018-01-17
Re-Test Date	2027-11-09

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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