CERTIFICATE OF ANALYSIS

Product Name:

Fmoc-Pen(Acm)-OH

Lot No.:

GLS150128-21804

CAS No.:

201531-76-2

Store at:

Cool dry place (<4°C)

Molecular Formula:

 $C_{23}H_{26}N_2O_5S$

Molecular Weight:

442.5

Manufacturing Date:

2015-1-28

Retest Date:

2018-1-28

Melting Point:

106.7°C

Specific Rotation[a]²⁰_D: -14.3°(C=1 in MeOH)

Tests	Specifications	Results
Appearance	White powder	Complies
Purity(HPLC)	≥98%	99.14%
Optical Purity	≤0.5% D-enantiomer	0.1207%
Clarity of solution	0.1 gram in 2ml MeOH clear solution	Complies
IR Spectrum	In accordance with the standard	Complies
Mass Spectrum	In accordance with the standard	Complies
NMR Spectrum	In accordance with the standard	Complies

GL Biochem warrants material of said quality at the time of sale. It is the sole responsibility of the customers to determine the adequacy of all materials for any intended or specific purpose or use. GL's sole obligation is to replace the material up to the extent of the purchase price. This warranty applies only to products in original packaging and does not apply to a product which has been tampered with or altered in any way or which has been misused or damaged by accident or negligence. All claims must be received in writing (by fax or email) within 30 days from date when product arrive at the destination city constitute a waiver by customers for any and all such claims.

Prepared and Checked by:

Lu Yan (QA/QC)_

Should you have any question or request about GLB's products and service, please feel free to contact:

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