

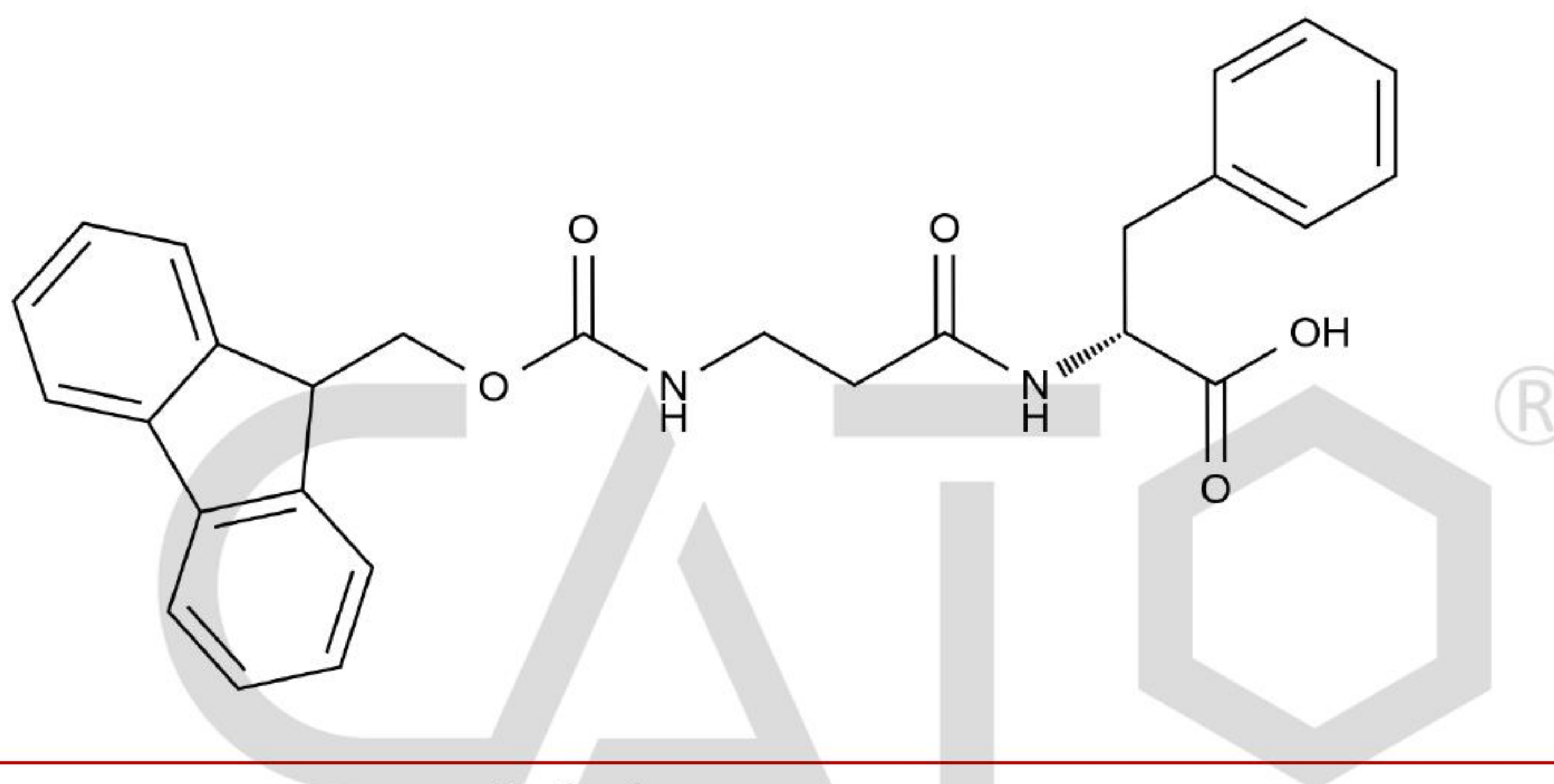
Certificate of Analysis

Reference Material & Standard

Product Name:	Fmoc-β-Ala-Phe-OH	Catalogue Number:	CPTD788365
Synonyms:	N/A	Lot Number:	0124-RD-0007
CAS Number:	2171282-19-0	Expiry Date:	Nov 19, 2027
Molecular Formula:	C ₂₇ H ₂₆ N ₂ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	458.51	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.745%
Loss On Drying	TGA	1.9296%
Assay		97.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Nov 20, 2024

Date: Nov 21, 2024

Date: Nov 21, 2024

