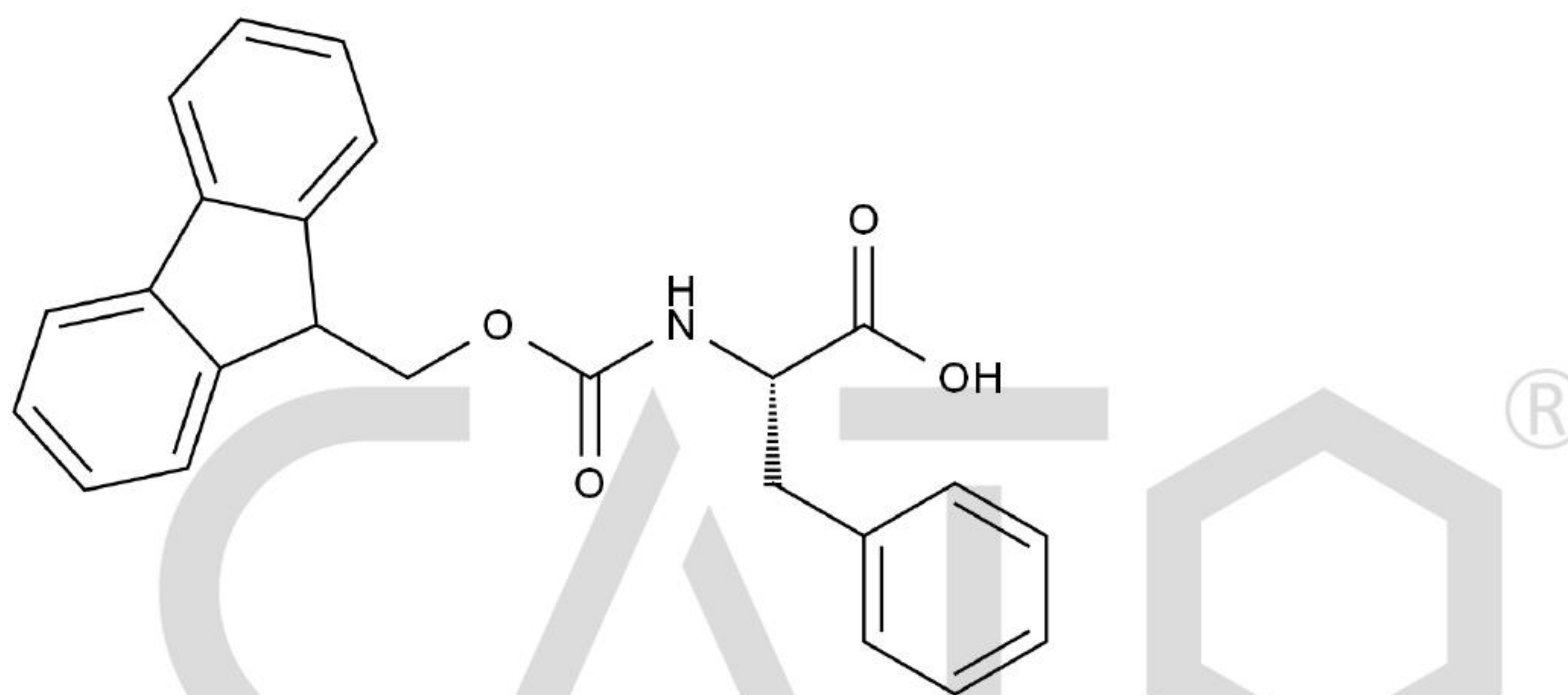


Certificate of Analysis

Reference Material & Standard

Product Name:	Fmoc-Phe-OH	Catalogue Number:	CPTD785532
Synonyms:	N/A	Lot Number:	1218-RE-0053
CAS Number:	35661-40-6	Expiry Date:	Jul 27, 2029
Molecular Formula:	C ₂₄ H ₂₁ NO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	387.44	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.878%
Residue on Ignition	TGA	0.0340%
Assay		99.8%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition}) * \text{Purity HPLC (\%)} / 100\%$

Residue on Ignition is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 28, 2025

Date: Jul 28, 2025

Date: Jul 28, 2025

