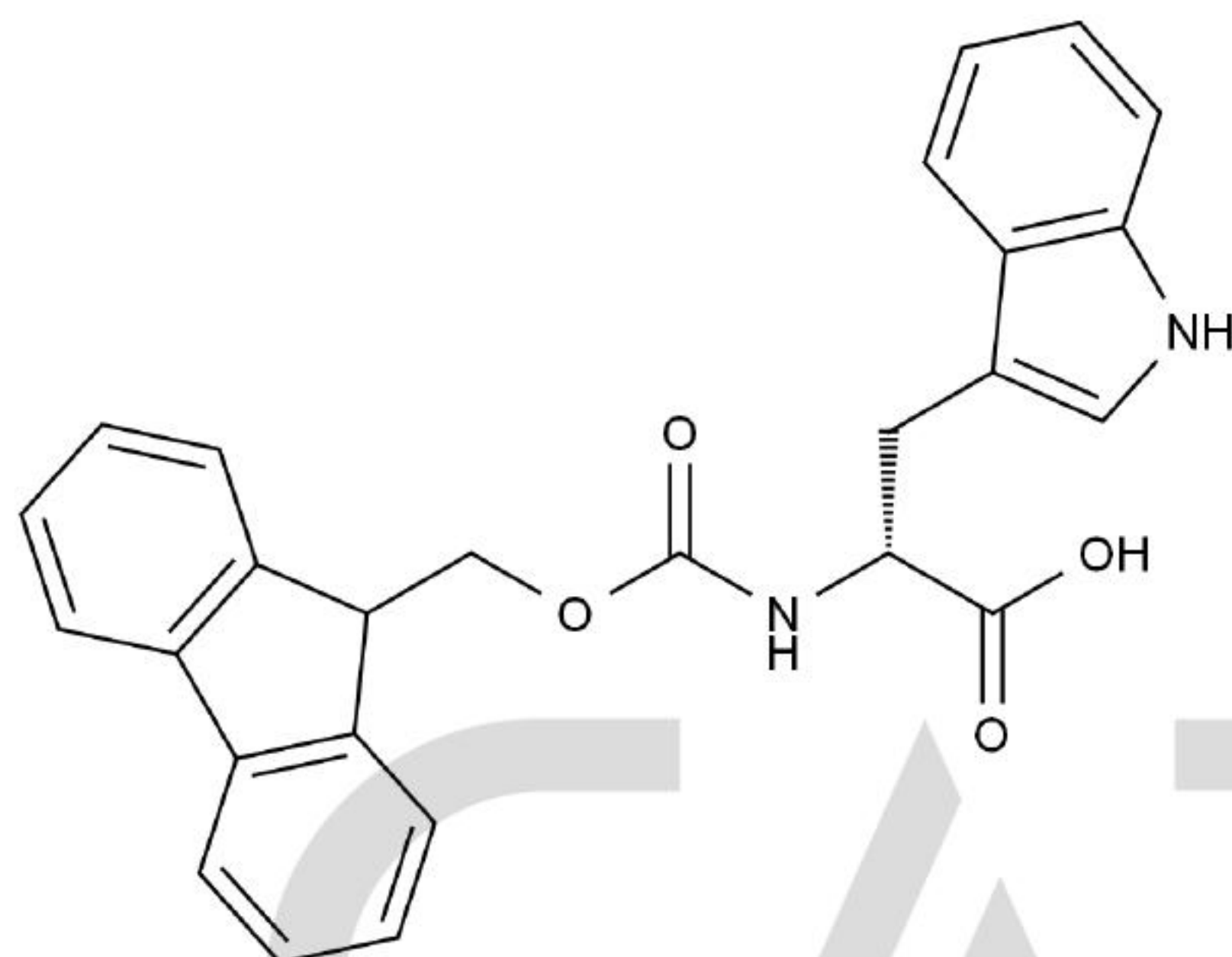


Certificate of Analysis

Reference Material

Product Name:	Fmoc-D-Trp-OH	Catalogue Number:	C3D-3757
Chemical Name:	N/A	Lot Number:	0719-RE-0049
CAS Number:	86123-11-7	Expiry Date:	Jul 18, 2026
Molecular Formula:	C ₂₆ H ₂₂ N ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	426.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.295%
Loss On Drying	TGA	0.4107%
Assay		98.9%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: Jul 19, 2023

Date: Jul 19, 2023

Date: Jul 19, 2023

