

Certificate of Analysis

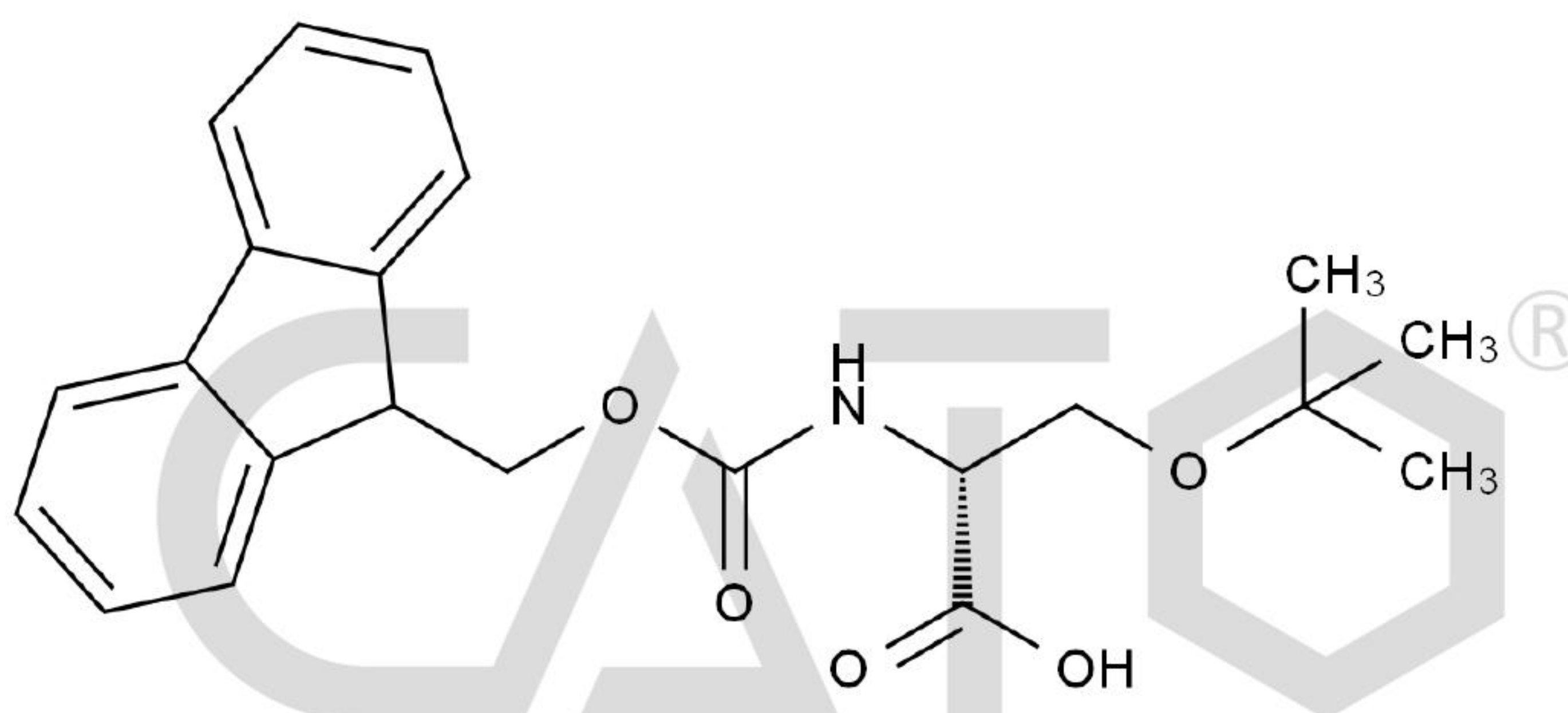
Reference Material & Standard

Product Name:	Fmoc-D-Ser(tBu)-OH	Catalogue Number:	CPTD785349
Synonyms:	N/A	Lot Number:	0901-RG-0048
CAS Number:	128107-47-1	Expiry Date:	Sep 03, 2029
Molecular Formula:	C ₂₂ H ₂₅ NO ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	383.44	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.189%
Loss on Drying	TGA	0.0370%
Assay		99.2%

Comment:

The calculation of the mass balance 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 04, 2025

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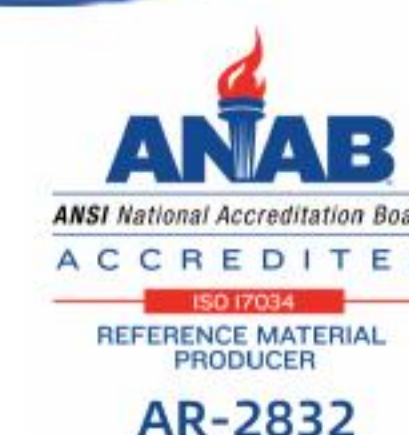
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