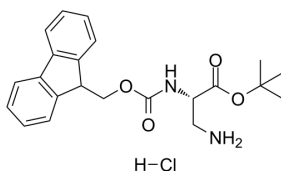


Certificate of Analysis

Product Name:	tert-Butyl (S)-2-(((9H-fluoren-9-yl)methoxy)carbonyl)amino)-3-aminopropanoate hydrochloride
Cat. No.:	CS-0166834
CAS No.:	2098497-06-2
Batch No.:	Lf0125120719
Chemical Name:	L-Alanine, 3-amino-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 1,1-dimethylethyl ester, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₂ H ₂₇ ClN ₂ O ₄
Molecular Weight:	418.91
Storage:	2-8°C, sealed storage, away from moisture
Chemical Structure:	



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.96%
OR[α](C=0.75 g/100ml MEOH):	-30.7°
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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