



CERTIFICATE OF ANALYSIS

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1. Identification

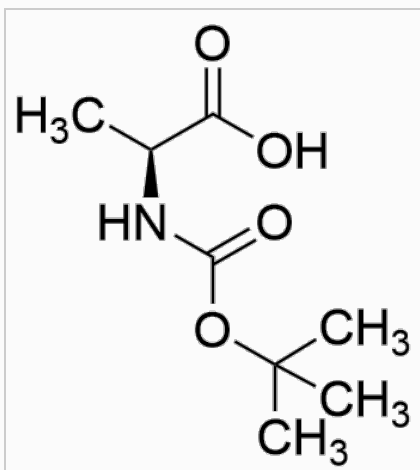
Catalogue Number: B600400

CAS Number: 15761-38-3

Product: N-tert-Boc-L-alanine

Synonym: N-[(1,1-Dimethylethoxy)carbonyl]-L-alanine; N-Carboxy-L-Alanine N-tert-Butyl Ester; (2S)-2-[(tert-Butoxycarbonyl)amino]propanoic Acid; (2S)-2-tert-Butoxycarbonylaminopropanoic Acid; (S)-2-(N-tert-Butoxycarbonyl)aminopropionic Acid; (S)-2-[(tert-Butoxycarbonyl)amino]propanoic Acid; (S)-2-[(tert-Butoxycarbonyl)amino]propionic Acid; (tert-Butoxycarbonyl)alanine; (tert-Butoxycarbonyl)-L-alanine; Boc-L-alanine; N-(tert-Butoxycarbonyl)-(S)-alanine; N-(tert-Butoxycarbonyl)-L-alanine; N-(tert-Butoxyca

Structure:



Molecular Formula:

C₈H₁₅NO₄

Molecular weight:

189.21

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Very Slightly)

Lot Number: 3-HBN-181-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 50.49, %H: 8.03, %N: 7.40
HPLC Purity	Report Result	98.34% (ELSD)
MS	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	2/1/2023	1/30/2030
				