



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

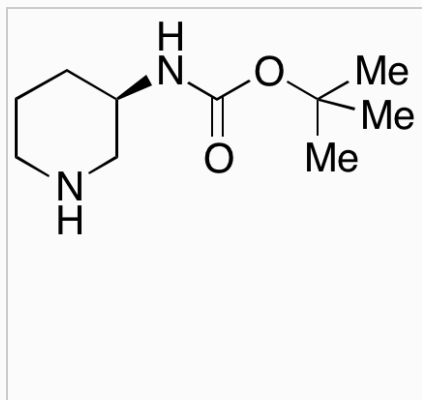
Catalogue Number: B621135

CAS Number: 309956-78-3

Product: (R)-3-(Boc-amino)piperidine

Synonym: (3R)-3-Piperidinyl-carbamic Acid 1,1-Dimethylethyl Ester; (3R)-3-[[[(tert-Butyloxycarbonyl)amino]]piperidine; (R)-3-(tert-Butoxycarbonylamino)piperidine; (R)-3-[(tert-Butoxycarbonyl)amino]piperidine; (R)-3-[[[(tert-Butyloxycarbonyl)amino]piperidine; (R)-3-[N-(tert-Butoxycarbonyl)amino]piperidine; (R)-3-tert-Butoxycarbonylamino piperidine; (R)-Piperidin-3-ylcarbamic acid tert-butyl ester; (R)-tert-Butyl (Piperidin-3-yl)carbamate; tert-Butyl (R)-N-(3-Piperidyl)carbamate; tert-Butyl (R)-N-(Piperidin-3-

Structure:



Molecular Formula:

C₁₀H₂₀N₂O₂

Molecular weight:

200.28

Source of Product:

N/A

Solubility:

DMSO (Slightly), Ethanol (Sparingly), Methanol (Slightly)

Lot Number: 3-PVA-76-1

Purity: 97%

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:
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 59.90, %H: 10.35, %N: 13.27
Appearance	White to Off-White Solid	White to Off-White Solid
Specific Rotation	Report Result	+14.5° (c = 0.2, Ethanol)
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 ± 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

Neha Khanna



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

4/25/2022

Retest Date

4/23/2026