



CERTIFICATE OF ANALYSIS

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1. Identification

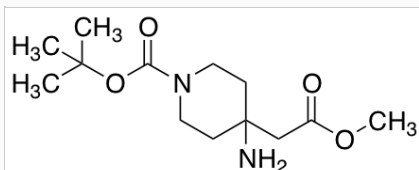
Catalogue Number: M315505

CAS Number: 362703-57-9

Product: Methyl DI-2-(1-Boc-Piperidin-4-Yl)- β -Glycinate

Synonym: Methyl 4-Amino-1-[(1,1-dimethylethoxy)carbonyl]-4-piperidineacetate;
tert-Butyl 4-amino-4-(2-methoxy-2-oxoethyl)piperidine-1-carboxylate

Structure:



Molecular Formula:

C₁₃H₂₄N₂O₄

Molecular weight:

272.34

Source of Product:

N/A

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: 20-ZEA-187-1

Purity: 98%

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

Storage Condition: 4°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 57.23, %H: 9.33, %N: 10.06
Appearance	Colourless to Pale Yellow Oil	Clear Colourless to Pale Yellow Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.82% (ELSD)

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
Henry Tieu	Toni Rantanen	Chanell Chu	6/9/2021	6/7/2025