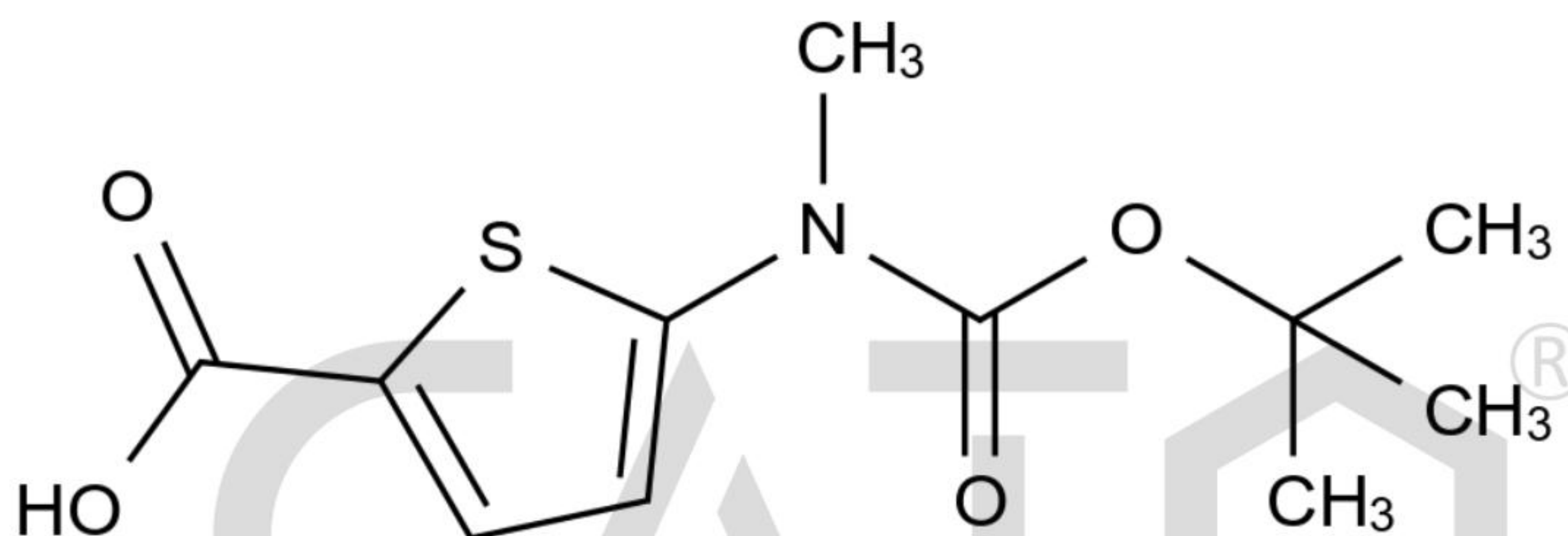


Certificate of Analysis

Reference Material & Standard

Product Name:	5-((Tert-butoxycarbonyl)(methyl)amino)thiophene-2-carboxylic acid	Catalogue Number:	C1208618
Synonyms:	N/A	Lot Number:	0228-RH-0035
CAS Number:	131052-68-1	Expiry Date:	Mar 02, 2030
Molecular Formula:	C ₁₁ H ₁₅ NO ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	257.31	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.1023%
Assay		99.9%

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: Mar 03, 2026

Date: Mar 03, 2026

Date: Mar 03, 2026



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