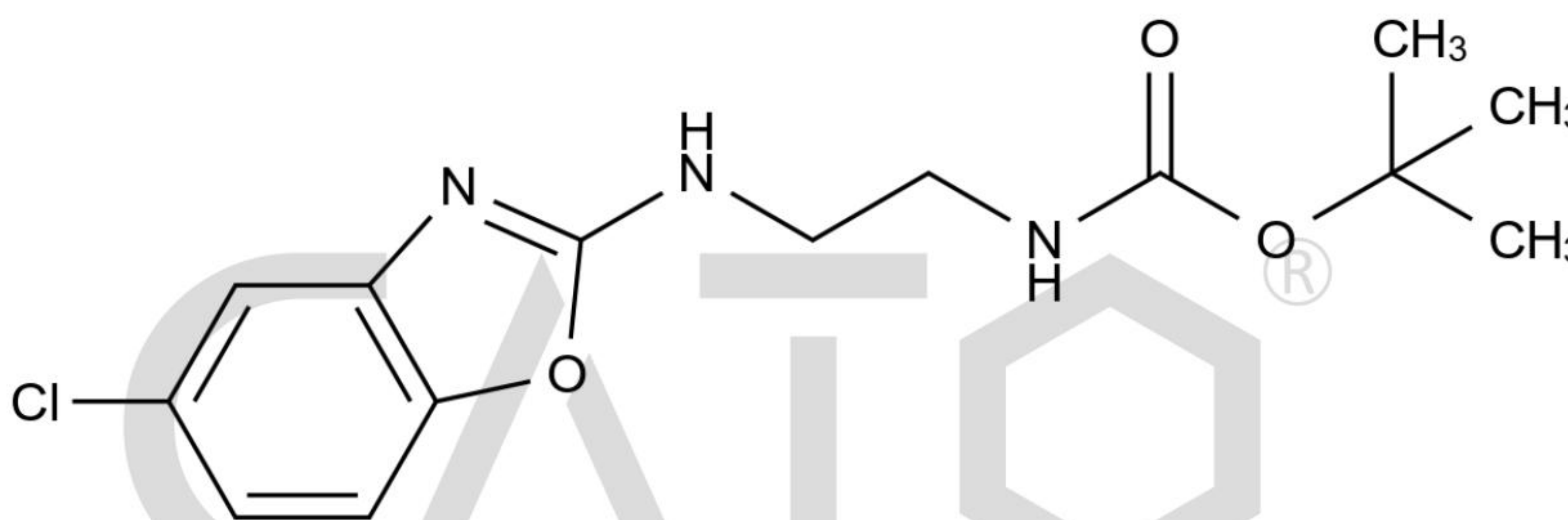


Certificate of Analysis

Reference Material & Standard

Product Name:	Suvorexant Impurity N40	Catalogue Number:	C1072740
Synonyms:	N/A	Lot Number:	0507-RH-0062
CAS Number:	1144509-75-0	Expiry Date:	May 08, 2030
Molecular Formula:	C ₁₄ H ₁₈ ClN ₃ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	311.76	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.2125%
Assay		99.8%

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: May 09, 2026

Date: May 11, 2026

Date: May 11, 2026



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