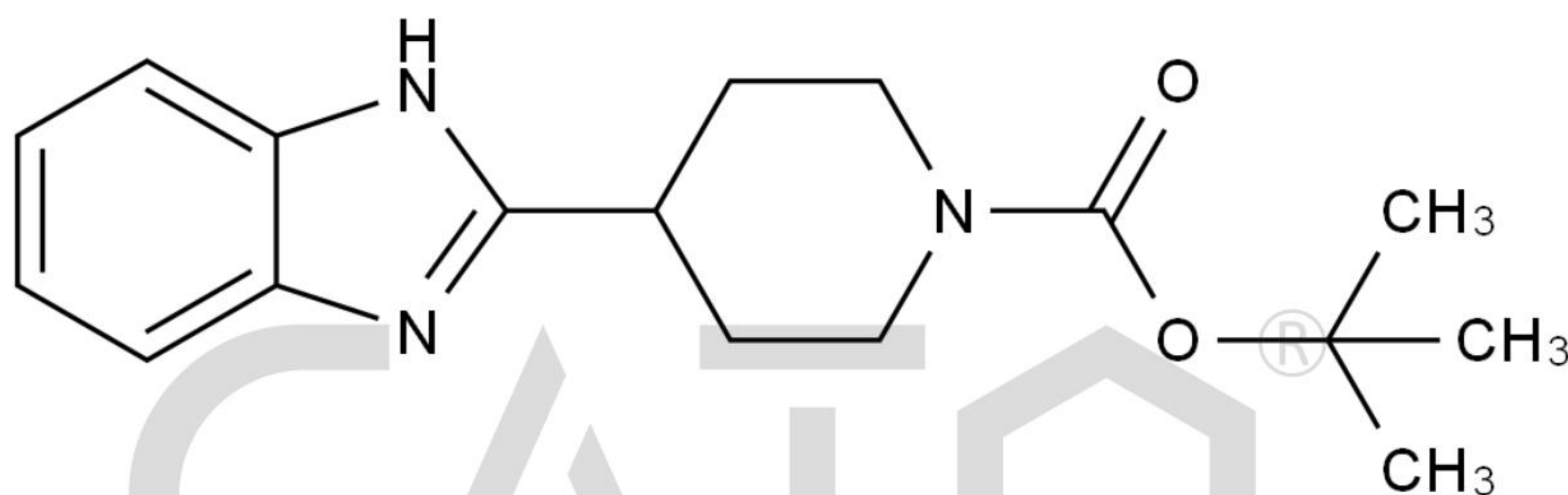


Certificate of Analysis

Reference Material & Standard

Product Name:	Bilastine Impurity 21	Catalogue Number:	C4X-225321
Synonyms:	tert-Butyl 4-(1H-benzo[d]imidazol-2-yl) piperidine-1-carboxylate	Lot Number:	0222-RF-0029
CAS Number:	953071-73-3	Expiry Date:	Feb 22, 2027
Molecular Formula:	C ₁₇ H ₂₃ N ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	301.38		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.903%
Loss On Drying	TGA	0.2453%
Assay		99.7%

Comment:

The calculation of the 100% 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: Oct 10, 2024

Date: Oct 10, 2024

Date: Oct 10, 2024

