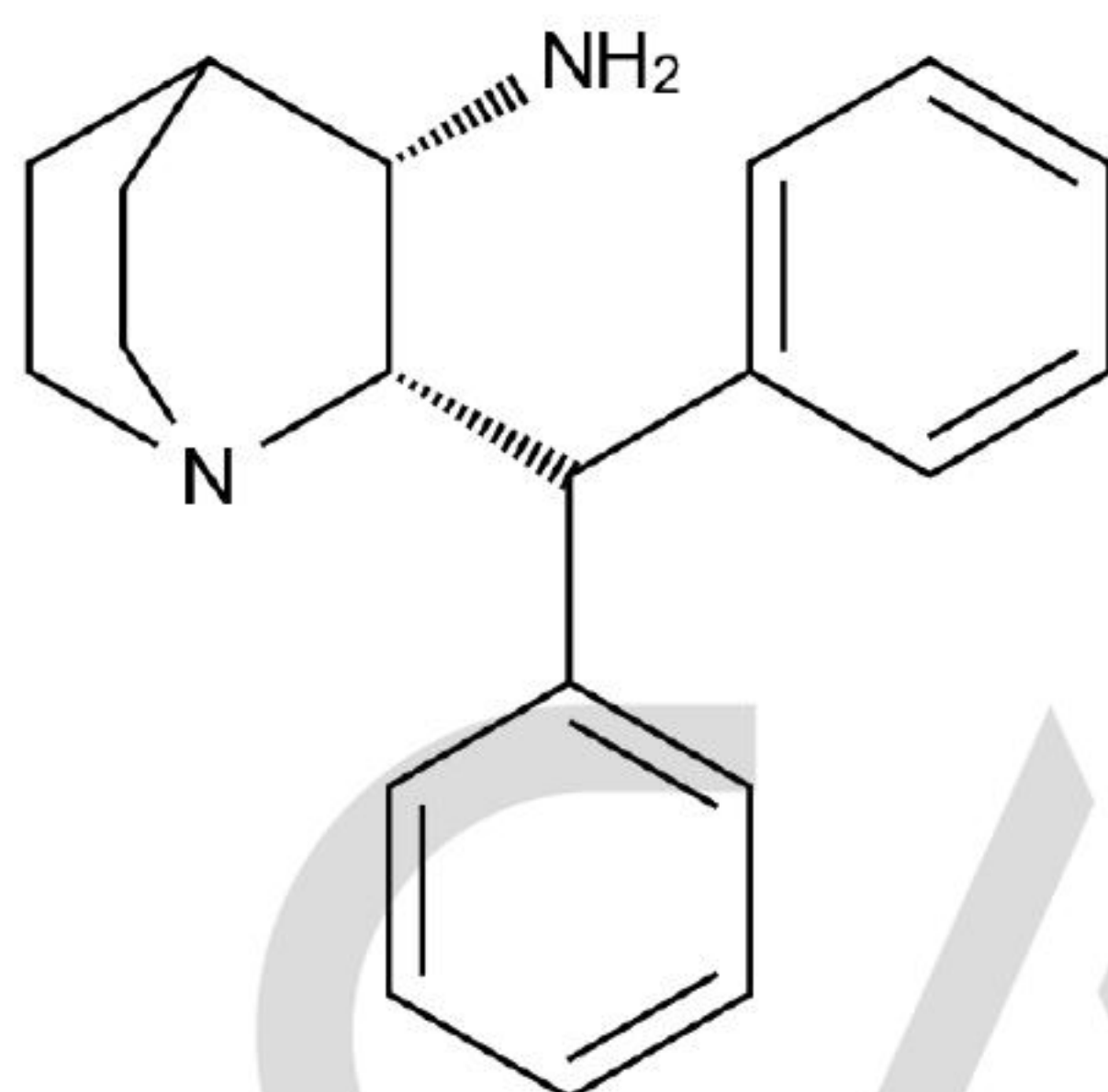


Certificate of Analysis

Reference Material & Standard

Product Name:	Maropitant Impurty 3(M10)	Catalogue Number:	C4X-25083
Synonyms:	N/A	Lot Number:	0717-RG-0056
CAS Number:	142035-23-2	Expiry Date:	Dec 30, 2028
Molecular Formula:	C20H24N2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	292.42		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.5886%
Water Content	Karl Fischer	0.40%
Residual Solvents	NMR	0.1% ethyl acetate and 0.1% n-hexane
Optical Rotation		[α] _D ^{25.0} (c=0.45,DMSO): -40.4°
Assay		99.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jul 22, 2025

Date: Jul 23, 2025

Date: Jul 23, 2025

