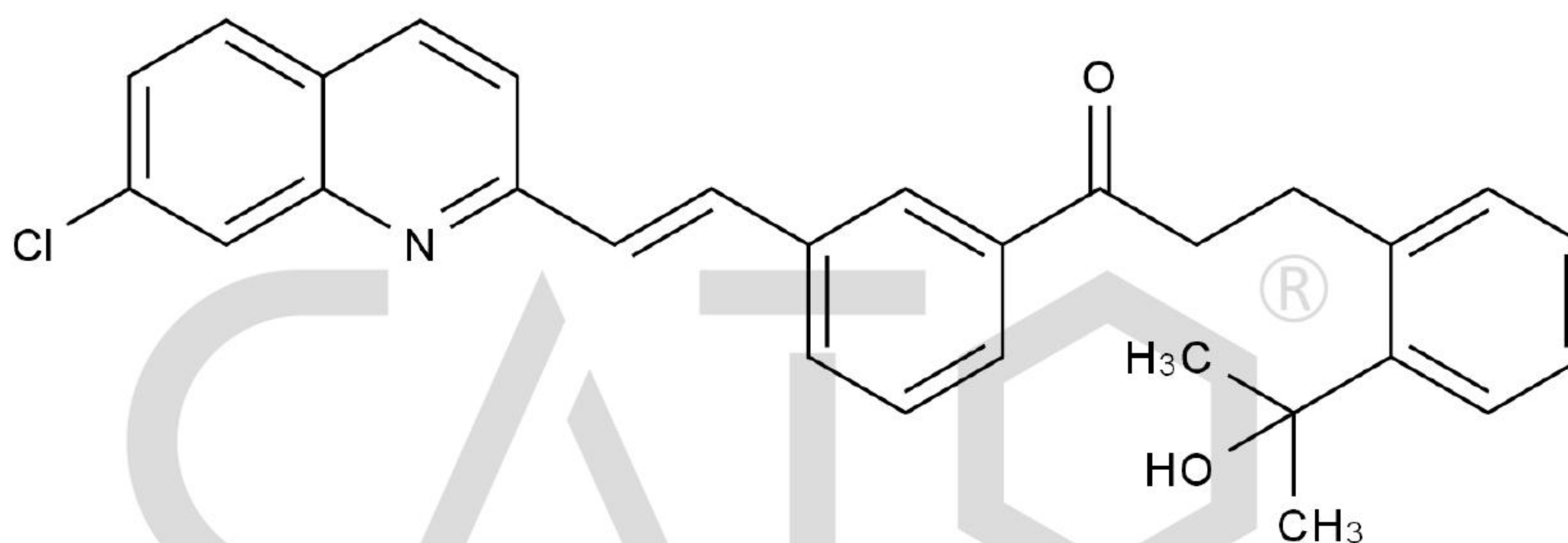


Certificate of Analysis

Reference Material & Standard

Product Name:	Montelukast Impurity 19	Catalogue Number:	C4X-103119
Synonyms:	N/A	Lot Number:	0227-RH-0115
CAS Number:	1258428-71-5	Expiry Date:	Mar 01, 2030
Molecular Formula:	C ₂₉ H ₂₆ ClNO ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	455.98	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.709%
Loss On Drying	TGA	1.6313%
Assay		97.1%

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 02, 2026

Date: Mar 02, 2026

Date: Mar 02, 2026



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