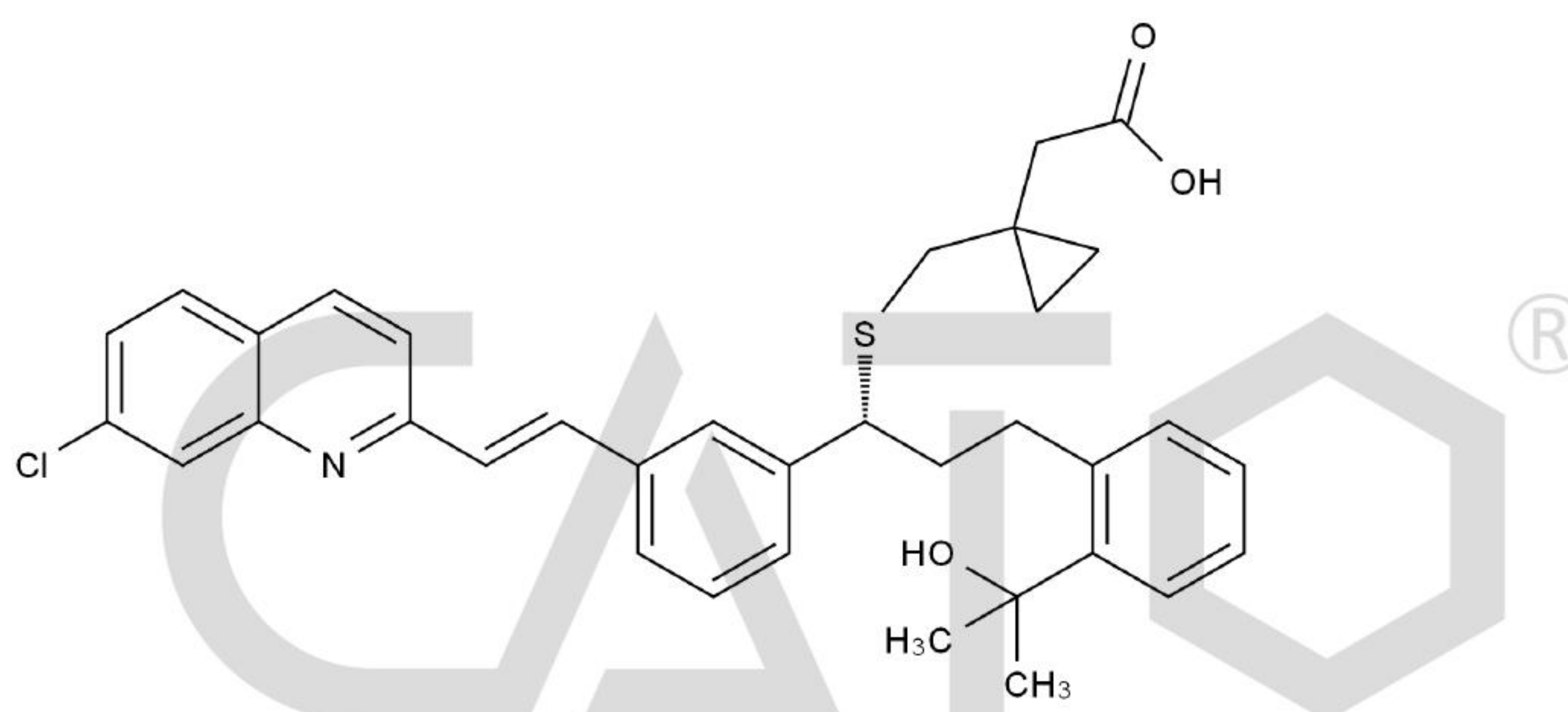


Certificate of Analysis

Reference Material & Standard

Product Name:	Montelukast	Catalogue Number:	C4X-1031
Synonyms:	N/A	Lot Number:	0921-RH-0087
CAS Number:	158966-92-8	Expiry Date:	Sep 23, 2030
Molecular Formula:	C ₃₅ H ₃₆ ClNO ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	586.18	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.808%
Residue on Ignition	TGA	0.5440%
Loss on Drying	TGA	1.9230%
Assay		97.3%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 24, 2026

Date: Sep 24, 2026

Date: Sep 24, 2026



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