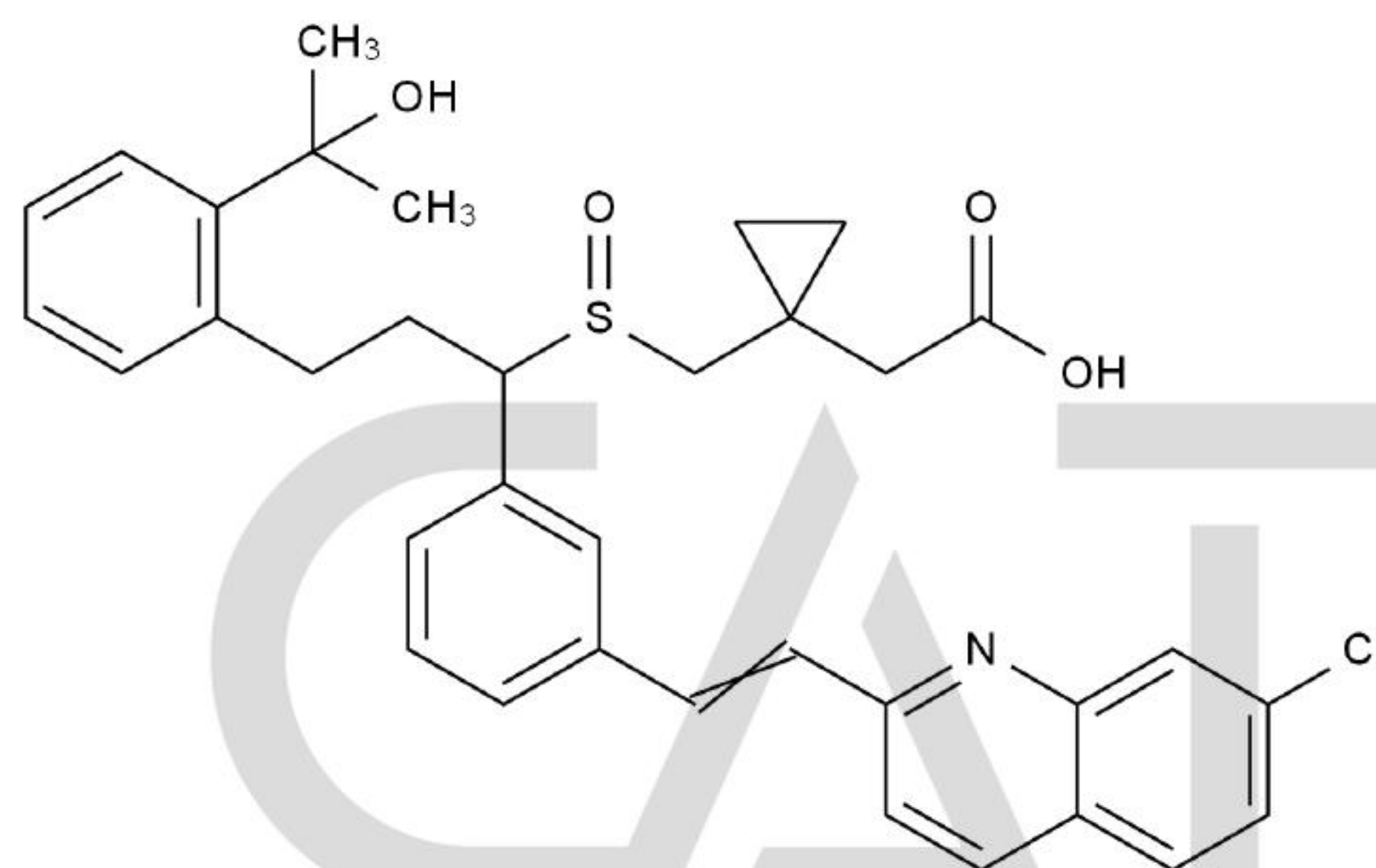


Certificate of Analysis

Reference Material & Standard

Product Name:	Montelukast Impurity 46	Catalogue Number:	C4X-103146
Synonyms:	N/A	Lot Number:	0320-RH-0069
CAS Number:	N/A	Expiry Date:	Mar 24, 2028
Molecular Formula:	C ₃₅ H ₃₆ ClNO ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	602.18	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.542%
Loss On Drying	TGA	3.7255%
Assay		92.0%

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 25, 2026

Date: Mar 25, 2026

Date: Mar 25, 2026



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