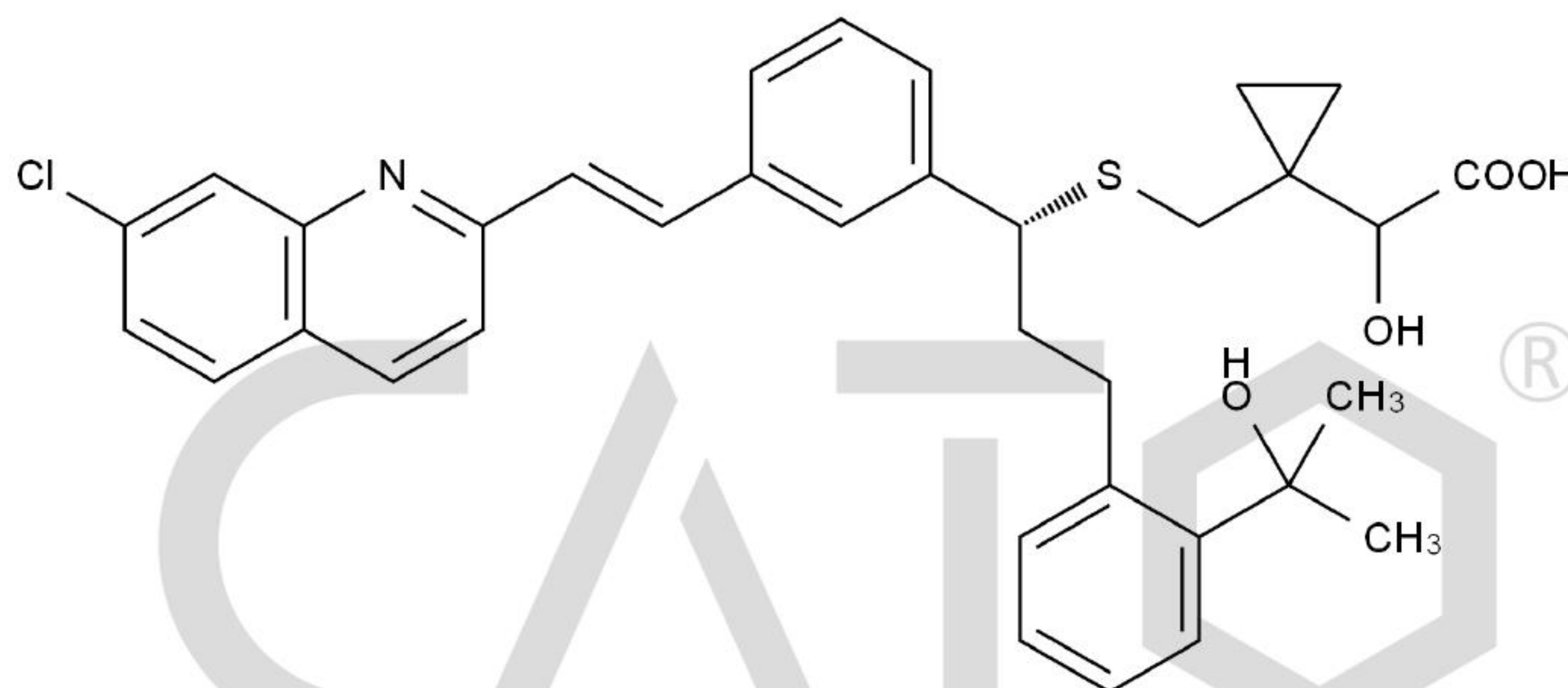


Certificate of Analysis

Reference Material & Standard

Product Name:	Montelukast EP Impurity I	Catalogue Number:	C4X-103118
Synonyms:	N/A	Lot Number:	0319-RF-0040
CAS Number:	2045402-27-3	Expiry Date:	Mar 21, 2027
Molecular Formula:	C35H36ClNO4S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	602.18	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.688%
Loss On Drying	TGA	0.7427%
Assay		95.0%

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: Dec 13, 2024

Date: Dec 13, 2024

Date: Dec 13, 2024

