



CERTIFICATE OF ANALYSIS

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1. Identification

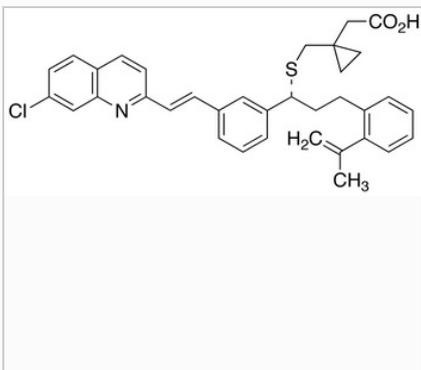
Catalogue Number: M568030

CAS Number: 918972-54-0

Product: Montelukast Styrene

Synonym: 1-[[[(1R)-1-[3-[(1E)-2-(7-Chloro-2-quinolinyl)ethenyl]phenyl]-3-[2-(1-methylethenyl)phenyl]propyl]thio]methyl]cyclopropaneacetic Acid; Montelukast Impurity; Montelukast EP Impurity B; Montelukast USP Related Compound F; Montelukast Methylstyrene; Styrene Montelukast

Structure:



Molecular Formula:

C₃₅H₃₄ClNO₂S

Molecular weight:

568.17

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), DMSO (Slightly)

Lot Number: 3-TKN-11-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1: Light Sensitive

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance		Pale Yellow to Light Yellow Solid
NMR	Conforms to Structure	
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+55.8° (c = 0.2, Chloroform)
HPLC Purity		99.90% (285 nm)

Additional Information: NA

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By
Xhoana Gjergji

Reviewed By
Neha Khanna

C of A Approved By Test Date
Kevin Saldanha 5/13/2019

Retest Date
5/11/2026

KMS