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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Montelukast EP Impurity D+E

Identification:

Chemical Name: 2-(1-(((R)-1-(3-((R)-1-(((1-(carboxymethyl)cyclopropyl)methyl)thio)-2-(7-chloroquinolin-2-yl)ethyl)phenyl)-3-(2-(2-hydroxypropan-2-yl)phenyl)propyl)thio)methyl)cyclopropyl)acetic acid compound with 2-(1-(((R)-1-(3-((S)-1-(((1-(carboxymethyl)cyclopropyl)methyl)thio)-2-(7-chloroquinolin-2-yl)ethyl)phenyl)-3-(2-(2-hydroxypropan-2-yl)phenyl)propyl)thio)methyl)cyclopropyl)acetic acid (1:1)

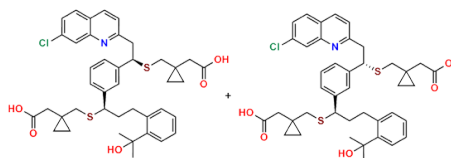
Synonyms : Montelukast Bis-Sulfide

CAS Number : 1242260-05-4

CAT Number : CP-M25011

Molecular Formula : C₄₁H₄₆ClNO₅S₂

Molecular Weight : 732.39



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.