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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)

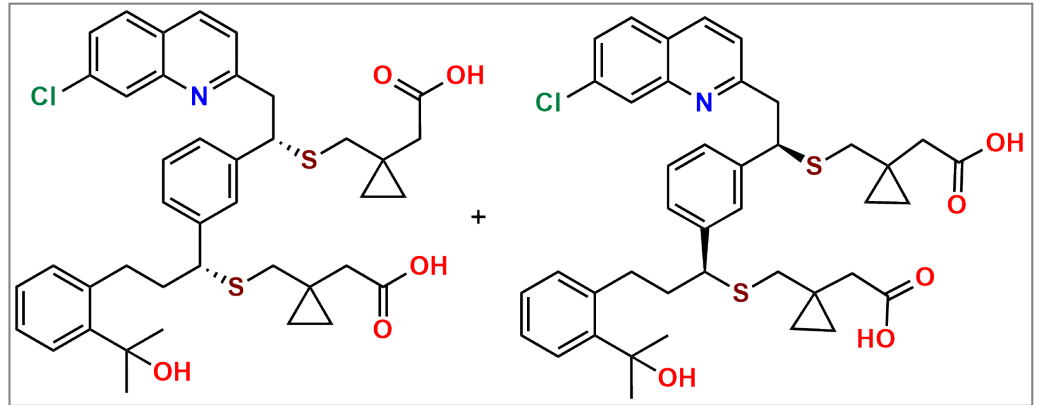
Synonyms : NA

CAS Number : 1242260-05-4

CAT Number : CP-M25011

Molecular Formula : C<sub>41</sub>H<sub>46</sub>ClNO<sub>5</sub>S<sub>2</sub>

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)	H1NMR	Confirm to structure

**Prepared and Reviewed By**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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