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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2024

Re-test Date: Aug 2027

Product Name: Montelukast Mercapto Acid Impurity

Identification:

Chemical Name: 3-(Mercaptomethyl)cyclopropane acetic acid ; 2-[1-(Mercaptomethyl)cyclopropyl]acetic acid

Synonyms : Montelukast Mercapto Impurity

CAS Number : 162515-68-6

CAT Number : CP-M25018

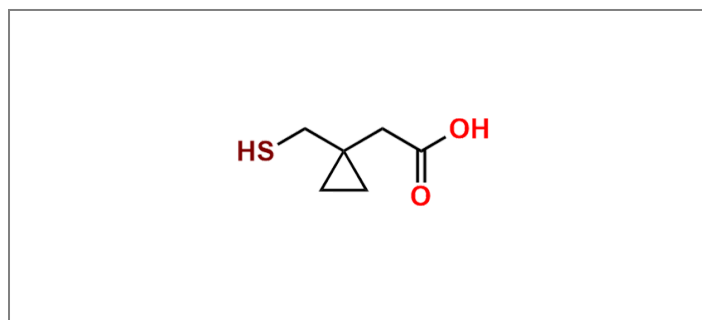
Molecular Formula : C₆H₁₀O₂S

Molecular Weight : 146.2

Batch Number : CP-MON-MA-0924

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Highly Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By GC	94.13%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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