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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Montelukast KetocarbinoI Impurity**

### Identification:

Chemical Name: 1-[[[(1R)-1-[3-[(1E)-2-(7-Chloro-2-quinolinyl) ethenyl] phenyl]-3-[2-(1-oxo-2-hydroxyethyl) phenyl] propyl] thio] methyl] cyclopropaneacetic acid

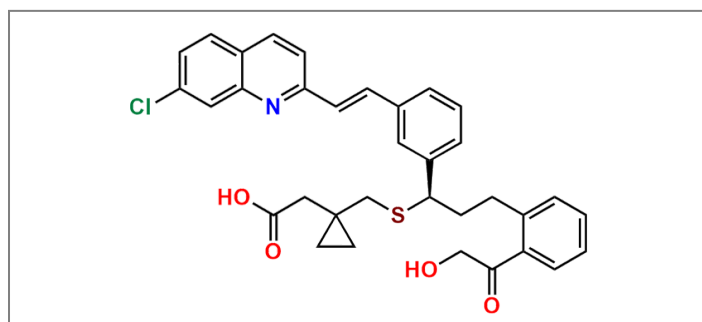
Synonyms : Montelukast KetocarbinoI  
Impurity ; Montelukast  
Hydroxymethylcarbonyl Analog

CAS Number : 2682015-83-2

CAT Number : CP-M25039

Molecular Formula : C<sub>34</sub>H<sub>32</sub>ClNO<sub>4</sub>S

Molecular Weight : 586.1



### 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**



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.