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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Montelukast Ketone impurity

Identification:

Chemical Name: (E)-1-{3-[2-(7-Chloroquinolin-2-yl)vinyl]phenyl}-3-[2-(2-hydroxypropan-2-yl)phenyl]propan-1-one

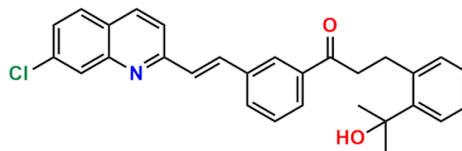
Synonyms : Montelukast 3-Oxo Propanol
Impurity

CAS Number : 1258428-71-5

CAT Number : CP-M25040

Molecular Formula : C₂₉H₂₆ClNO₂

Molecular Weight : 455.98



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.