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CERTIFICATE OF ANALYSIS

Analysis Date: May 2023

Re-test Date: Apr 2026

Product Name: Quetiapine EP Impurity R

Identification:

Chemical Name: (E)-4-Ethoxy-4-oxobut-2-enoic acid

Synonyms : Fumaric Acid Monoethyl Ester

CAS Number : 2459-05-4

CAT Number : CP-Q1018

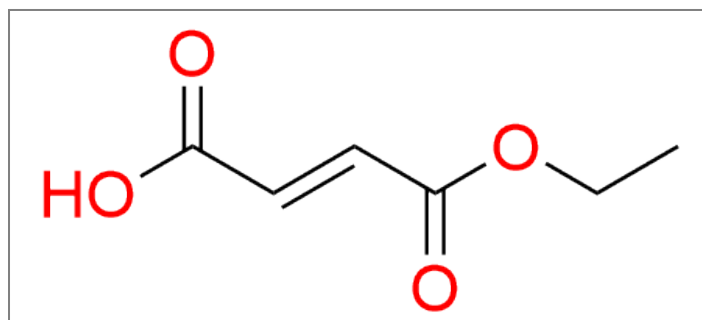
Molecular Formula : C₆H₈O₄

Molecular Weight : 144.13

Batch Number : CHEM-QUE-R

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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.68%
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.