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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

Re-test Date: Feb 2028

Product Name: Ketoconazole EP Impurity D

Identification:

Chemical Name: 1-[4-[[[(2RS,4SR)-2-(2,4-Dichlorophenyl)-2-[(1H-imidazol-1-yl)methyl]-1,3-dioxolan-4-yl]methoxy]phenyl]piperazine

Synonyms : N-Desacetyl Ketoconazole

CAS Number : 67914-61-8

CAT Number : CP-K2004

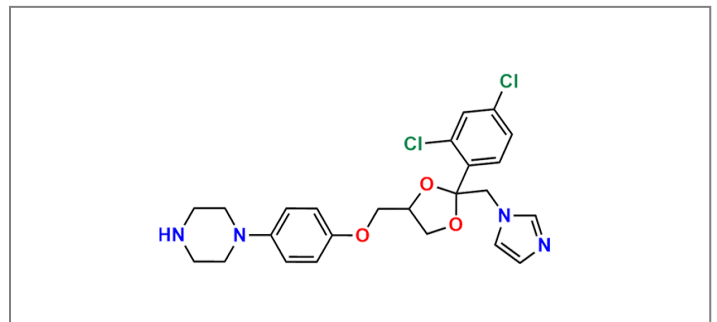
Molecular Formula : C₂₄H₂₆Cl₂N₄O₃

Molecular Weight : 489.40

Batch Number : CP-KET-D-0325

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	98.13 %
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.