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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**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

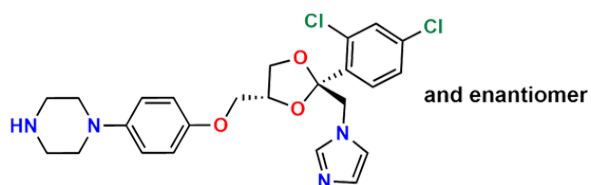
Synonyms: : N-Desacetyl Ketoconazole

CAS Number: : 67914-61-8

CAT Number: : CP-K2004

Molecular Formula: : C<sub>24</sub>H<sub>26</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>3</sub>

Molecular Weight: : 489.40



### 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.