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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Itraconazole EP Impurity D**

### Identification:

Chemical Name: Cis-4-[4-[4-[4-[[2-(2,4-Dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-1-piperazinyl]phenyl]-2,4-dihydro-2-(1-methylethyl)-3H-1,2,4-triazol-3-one

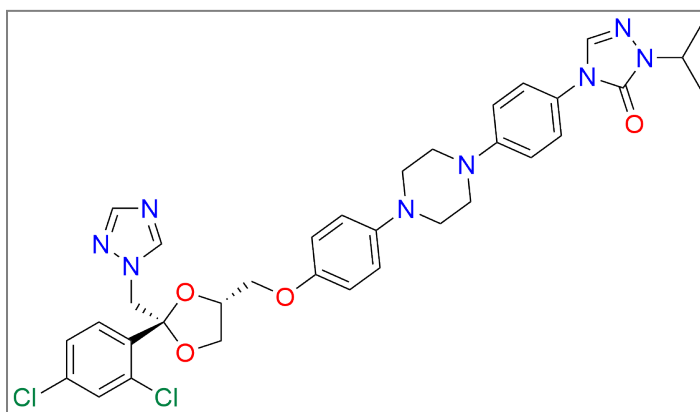
Synonyms : Itraconazole Isopropyl Analog

CAS Number : 89848-49-7

CAT Number : CP-I3004

Molecular Formula : C<sub>34</sub>H<sub>36</sub>Cl<sub>2</sub>N<sub>8</sub>O<sub>4</sub>

Molecular Weight : 691.61



### 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.