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CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

Product Name: Fluconazole EP Impurity D

Identification:

Chemical Name: 2-(4-Fluorophenyl)-1,3-bis(1H-1,2,4-triazol-1-yl)propan-2-ol

Synonyms : Fluconazole USP Related
Compound B ; 2-Desfluoro
Fluconazole

CAS Number : 81886-51-3

CAT Number : CP-F18004

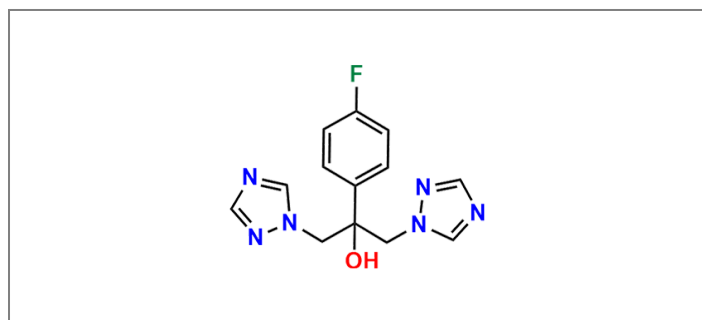
Molecular Formula : C₁₃H₁₃FN₆O

Molecular Weight : 288.28

Batch Number : CHEM-FLU-D

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	93.48%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to structure
7)	IR	Confirm to Structure



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.