CERTIFICATE OF ANALYSIS

(Certificate No. KMF003004-01)

Release Date: 10/07/2026 **Re-test Date:** 09/07/2029

Fluconazole Impurity A

Identification

Chemical Name :
(2RS)-2-(2,4-Difluorophenyl)-1-(1H-1,2,4-triazol-1-yl)-3-(4H-1,2,4-triazol-4-yl)propan-2-ol ;

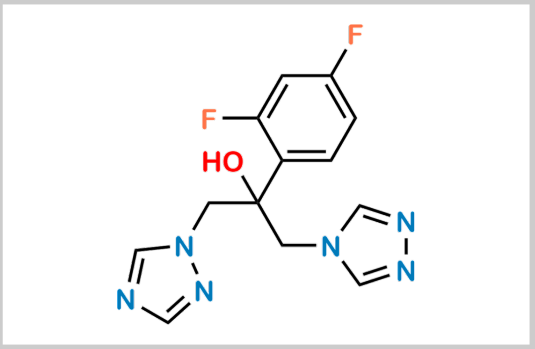
Alt. Name : Fluconazole Triazole Isomer

CAT No. : KMF003004

CAS No. : 89429-59-4

Molecular Formula : C13H12F2N6O

Molecular Weight : 306.3



Analytical Information

Batch No. : F003004-136-080

Description : Off White Solid

HPLC Purity : 98.76 %

Weight Loss By TGA : 1.07 %

% Potency : 97.7 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

1H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 1.07(Weight Loss By TGA)] x [98.76(HPLC Purity)]/100 = 97.7 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/07/2026
Reviewed & Approved By	Quality Control	Jatin Patel		10/07/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA