CERTIFICATE OF ANALYSIS

(Certificate No. KMF003005-01)

Release Date: 22/06/2026 **Re-test Date:** 21/06/2029

Fluconazole Impurity B

Identification

Chemical Name :
2-[2-Fluoro-4-(1H-1,2,4-triazol-1-yl)phenyl]-1,3-bis(1H-1,2,4-triazol-1-yl)propan-2-ol ;

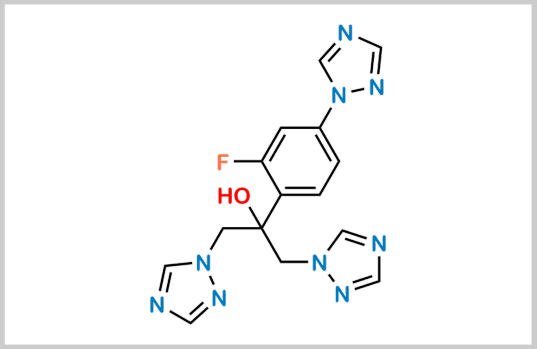
Alt. Name : Fluconazole USP Related Compound A

CAT No. : KMF003005

CAS No. : 871550-15-1

Molecular Formula : C15H14FN9O

Molecular Weight : 355.3



Analytical Information

Batch No.	: F003005-136-047	**Solubility**	: ACN : Water
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.66 %	**IR**	: Confirm
Weight Loss By TGA	: 1.41 %	**1H NMR**	: Confirm
% Potency	: 98.25 %		

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 - 1.41(Weight Loss By TGA)] x [99.66(HPLC Purity)]/100 = 98.25 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		22/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		22/06/2026

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