CERTIFICATE OF ANALYSIS

(Certificate No. KMF003006-01)

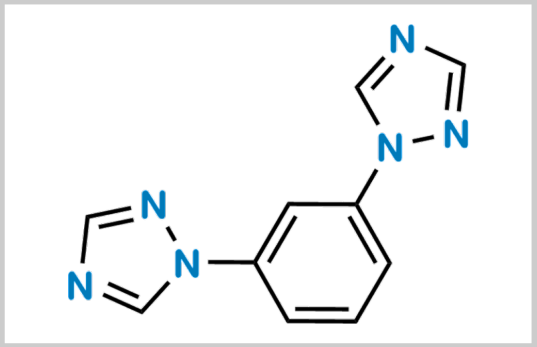
Release Date: 22/06/2026 **Re-test Date:** 21/06/2029

Fluconazole Impurity C

Identification

Chemical Name :
1,1′-(1,3-Phenylene)di-1H-1,2,4-triazole ;

Alt. Name	: Fluconazole USP Related Compound C
CAT No.	: KMF003006
CAS No.	: 514222-44-7
Molecular Formula	: C10H8N6
Molecular Weight	: 212.2



Analytical Information

Batch No.	: F003006-136-048	**Solubility**	: ACN : Water
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.49 %	**IR**	: Confirm
Weight Loss By TGA	: 0.72 %	**1H NMR**	: Confirm
% Potency	: 98.77 %		

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 - 0.72(Weight Loss By TGA)] x [99.49(HPLC Purity)]/100 = 98.77 %

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