

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 ;

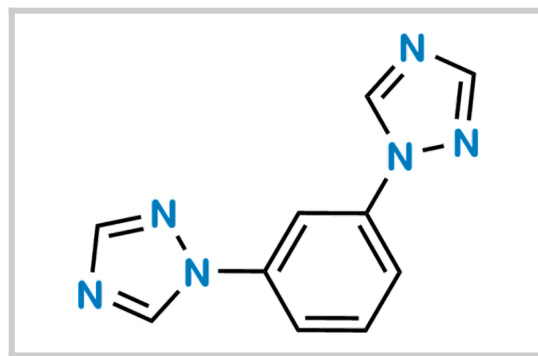
Alt. Name : Fluconazole USP Related Compound C

CAT No. : KMF003006

CAS No. : 514222-44-7

Molecular Formula : C₁₀H₈N₆

Molecular Weight : 212.2



Analytical Information

Batch No. : F003006-136-048

Description : Off White Solid

HPLC Purity : 99.49 %

Weight Loss By TGA : 0.72 %

% Potency : 98.77 %

Solubility : ACN : Water

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 - 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, ¹H NMR, IR and TGA