

CERTIFICATE OF ANALYSIS

(Certificate No. KMR004028-01)

Release Date: 01/12/2025

Re-test Date: 30/11/2028

Risperidone Impurity D

Identification

Chemical Name :

3-[2-[4-(5-Fluoro-1,2-benzisoxazol-3-yl)piperidin-1-yl]ethyl]-2-methyl-6,7,8,9-tetrahydro-4H-pyrido[1,2-a]pyrimidin-4-one

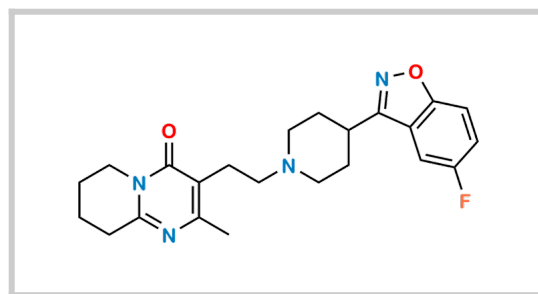
Alt. Name : 5-Fluoro Risperidone (USP)

CAT No. : KMR004028

CAS No. : 1199589-74-6

Molecular Formula : C₂₃H₂₇FN₄O₂

Molecular Weight : 410.5



Analytical Information

Batch No. : R004028-114-023

Description : Light Yellow Solid

HPLC Purity : 99.45 %

Weight Loss By TGA : 1.68 %

% Potency : 97.78 %

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 - 1.68(Weight Loss By TGA)] x [99.45(HPLC Purity)]/100 = 97.78 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/12/2025

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