

CERTIFICATE OF ANALYSIS

(Certificate No. KMR004010-01)

Release Date: 10/07/2025

Re-test Date: 09/07/2028

N-Nitroso Risperidone Impurity 1

Identification

Chemical Name :

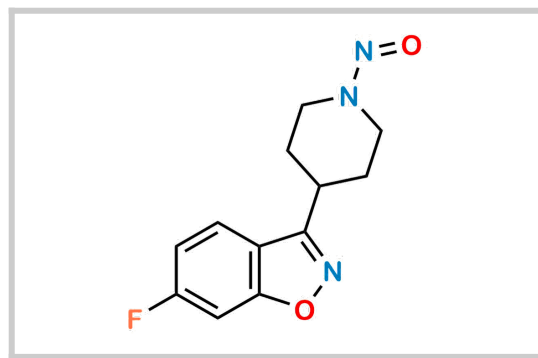
6-Fluoro-3-(1-nitrosopiperidin-4-yl)benzo[d]isoxazole

CAT No. : KMR004010

CAS No. : 2416230-38-9

Molecular Formula : C₁₂H₁₂FN₃O₂

Molecular Weight : 249.2



Analytical Information

Batch No. : R004001-102-121

Description : Off white solid

HPLC Purity : 99.86 %

Weight Loss By TGA : 0.15 %

% Potency : 99.71 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 0.15(Weight Loss By TGA)] x [99.86(HPLC Purity)]/100 = 99.71 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		10/07/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA