CERTIFICATE OF ANALYSIS

(Certificate No. KMR004010-01)

Release Date: 10/07/2025 **Re-test Date:** 09/07/2028

N-Nitroso Risperidone Impurity 1

Identification

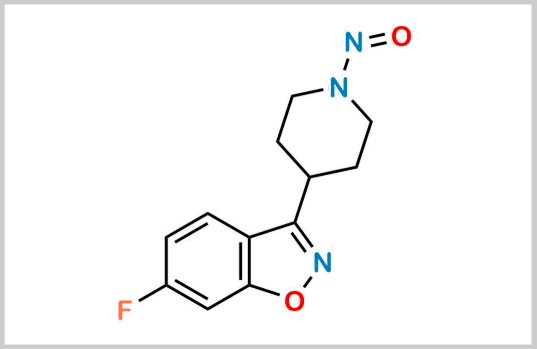
Chemical Name :
6-Fluoro-3-(1-nitrosopiperidin-4-yl)benzo[d]isoxazole

CAT No. : KMR004010

CAS No. : 2416230-38-9

Molecular Formula : C12H12FN3O2

Molecular Weight : 249.2



Analytical Information

Batch No.	: R004001-102-121	**Solubility**	: Acetonitrile
Description	: Off white solid	**Mass**	: Confirm
HPLC Purity	: 99.86 %	**IR**	: Confirm
Weight Loss By TGA	: 0.15 %	**1H NMR**	: Confirm
% Potency	: 99.71 %	**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