CERTIFICATE OF ANALYSIS

(Certificate No. KMR005002-01)

Release Date: 29/09/2025 **Re-test Date:** 28/09/2028

N-Nitroso Ribociclib Impurity 4

Identification

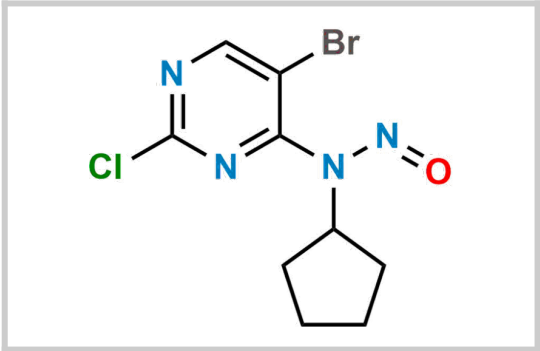
Chemical Name :
N-(5-Bromo-2-chloropyrimidin-4-yl)-N-cyclopentylnitrous amide

CAT No. : KMR005002

CAS No. : NA

Molecular Formula : C9H10BrClN4O

Molecular Weight : 305.6



Analytical Information

Batch No.	: R005002-102	**Solubility**	: Not Available
Description	: Not Available	**Mass**	: Should be Confirm
HPLC Purity	: NLT 95.1 %	**IR**	: Should be Confirm
Weight Loss By TGA	: NLT 0.1 %	**1H NMR**	: Should be Confirm
% Potency	: 95 %		

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 - 0.1(Weight Loss By TGA)] x [95.1(HPLC Purity)]/100 = 95 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/09/2025
Reviewed & Approved By	Quality Control	Jatin Patel		29/09/2025