CERTIFICATE OF ANALYSIS

(Certificate No. KMM003001-01)

Release Date: 15/03/2024 **Re-test Date:** 14/03/2027

N-Nitroso Mirabegron

Identification

Chemical Name :
(R)-2-(2-aminothiazol-4-yl)-N-(4-(2-((2-hydroxy-2-phenylethyl)(nitroso)amino)ethyl)phenyl)acetamide

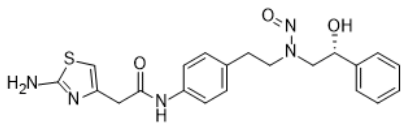
Alt. Name : Mirabegron Nitroso Impurity

CAT No. : KMM003001

CAS No. : Not Available

Molecular Formula : C21H23N5O3S

Molecular Weight : 425.50



Analytical Information

Batch No.	: MIR-N-NO-073-127	**Solubility**	: ACN
Description	: Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 99.99 %	**IR**	: Confirm
Weight Loss By TGA	: 1.33 %	**1H NMR**	: Confirm
% Potency	: 98.66 %		

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 - 1.33(Weight Loss By TGA)] x [99.99(HPLC Purity)]/100 = 98.66 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		15/03/2024

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