



CERTIFICATE OF ANALYSIS

Date: 04-02-2026

Product Name	N-Nitroso Mirabegron impurity		
Chemical Name	(R)-2-(2-aminothiazol-4-yl)-N-(4-(2-((2-hydroxy-2-phenylethyl)(nitroso)amino)ethyl)phenyl)acetamide		
Structure	<p>The chemical structure shows a complex molecule. It features a thiazole ring with an amino group (NH2) at position 2. This is connected via a methylene group to a phenyl ring. The phenyl ring is substituted with a carbonyl group (C=O) and a nitrogen atom. The nitrogen atom is part of a chain that includes a hydroxyl group (OH) and a nitro group (O=N=O). The chain is further substituted with a phenyl ring.</p>		
Batch No.	-	CAS No.	3017159-61-1
Analysis Date	2	Retest Date	4
Mol. Formula	C ₂₁ H ₂₃ N ₅ O ₃ S	Molecular Wt.	425.51
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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