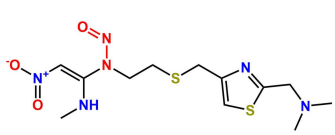


CERTIFICATE OF ANALYSIS

Date: 27-12-2024

Product Name	N-Nitroso-Nizatidine Impurity		
Chemical Name	(E)-N-(2-(((2-((dimethylamino)methyl)thiazol-4-yl)methyl)thio)ethyl)-N-(1-(methylamino)-2-nitrovinyl)nitrous amide		
Structure	 <p>The chemical structure shows a central thiazole ring substituted with a dimethylamino group at the 4-position and a 2-nitrovinyl group at the 5-position. This thiazole ring is connected via a methylene group to a sulfur atom, which is part of a 2-ethylthioethyl chain. The terminal nitrogen of this chain is bonded to a nitroso group (NO).</p>		
Inv. Status	-	CAS No.	NA
Analysis Date	-	Retest Date	-
Mol. Formula	C ₁₂ H ₂₀ N ₆ O ₃ S ₂	Molecular Wt.	360.45
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	-
¹ H-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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