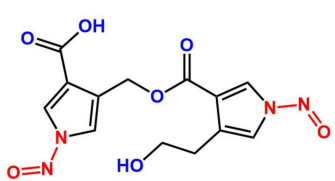


CERTIFICATE OF ANALYSIS

Date: 27-12-2024

Product Name	N-Nitroso Clavulanate Impurity 2		
Chemical Name	4-(((4-(2-hydroxyethyl)-1-nitroso-1H-pyrrole-3-carbonyl)oxy)methyl)-1-nitroso-1H-pyrrole-3-carboxylic acid		
Structure	 <p>The chemical structure shows two 1-nitroso-1H-pyrrole-3-carboxylic acid units. One unit is in its free form, and the other is linked via its 3-carboxyl group to the 4-position of another 1-nitroso-1H-pyrrole ring. This second ring is further substituted at the 2-position with a 2-hydroxyethyl group. The entire molecule is a dimeric structure with two nitroso groups and two hydroxyl groups.</p>		
Inv. Status	-	CAS No.	NA
Analysis Date	-	Retest Date	-
Mol. Formula	C ₁₃ H ₁₂ N ₄ O ₇	Molecular Wt.	336.26
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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