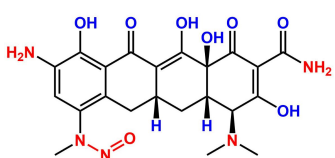


CERTIFICATE OF ANALYSIS

Date: 27-12-2024

Product Name	N-Nitroso Tigecycline Impurity 10		
Chemical Name	(4S,4aS,5aR,12aS)-9-amino-4-(dimethylamino)-3,10,12,12a-tetrahydroxy-7-(methyl(nitroso)amino)-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide		
Structure	 <p>The chemical structure shows a complex polycyclic system with a central tetracycline-like core. It features a dimethylamino group at position 4, a methyl(nitroso)amino group at position 7, and an amino group at position 9. The structure is highly substituted with hydroxyl groups and carbonyl groups. A large 'COA' watermark is visible across the structure.</p>		
Inv. Status	-	CAS No.	NA
Analysis Date	-	Retest Date	-
Mol. Formula	C ₂₂ H ₂₅ N ₅ O ₈	Molecular Wt.	487.47
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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