











## CERTIFICATE OF ANALYSIS

**Date:** 31-10-2025

Product Name	N-Nitroso Ceftaroline Fosamil Impurity	N-Nitroso Ceftaroline Fosamil Impurity 5				
Chemical Name	(R)-2-((R)-((Z)-2-(5-amino-1,2,4-thiadiazol-3- dihydro-2H-1,3-thiazine-4-carboxylate	(R)-2-((R)-((1-methylpyridin-1-ium-4-yl)thiazol-2-yl)thio)-3-nitroso-3,6-dihydro-2H-1,3-thiazine-4-carboxylate				
Structure						
	The state of the s					
Batch No.	-	CAS No.	NA			
Analysis Date	3	Retest Date	5			
	C II N C C	Molecular Wt.	651.71			
Mol. Formula	$C_{22}H_{21}N_9O_7S_4$	Molecular wt.	031.71			
Mol. Formula  Long term Storage Condition	$C_{22}H_{21}N_9O_7S_4$	Store at 2-8 °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			