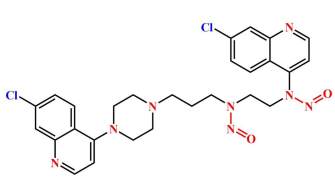


CERTIFICATE OF ANALYSIS

Date: 21-11-2024

Product Name	N-Nitroso Piperazine Impurity 3		
Chemical Name	N-(2-((7-chloroquinolin-4-yl)(nitroso)amino)ethyl)-N-(3-(4-(7-chloroquinolin-4-yl)piperazin-1-yl)propyl)nitrous amide		
Structure	 <p>The chemical structure shows a central piperazine ring. One nitrogen atom of the piperazine is substituted with a 2-((7-chloroquinolin-4-yl)(nitroso)amino)ethyl group. The other nitrogen atom is substituted with a 3-(4-(7-chloroquinolin-4-yl)propyl)nitrous amide group. The quinoline rings are substituted with a chlorine atom at the 7-position.</p>		
Inv. Status	-	CAS No.	NA
Analysis Date	-	Retest Date	-
Mol. Formula	C ₂₇ H ₂₈ Cl ₂ N ₈ O ₂	Molecular Wt.	567.5
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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