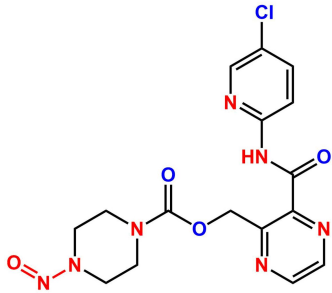


CERTIFICATE OF ANALYSIS

Date: 27-12-2024

Product Name	N-Nitroso Zopiclone Impurity 11		
Chemical Name	(3-((5-chloropyridin-2-yl)carbamoyl)pyrazin-2-yl)methyl 4-nitrosopiperazine-1-carboxylate		
Structure	 <p>The chemical structure shows a piperazine ring with a nitroso group (-NO) attached to one of the nitrogen atoms. This piperazine ring is connected via a carbonyl group (-CO-) to a methylene group (-CH2-), which is further connected to a pyrazine ring. The pyrazine ring has a carbonyl group (-CO-) attached to its 2-position, which is in turn connected to a 5-chloropyridin-2-yl group. The chlorine atom is highlighted in blue, and the nitrogen atoms in the pyridine and pyrazine rings are highlighted in red.</p>		
Inv. Status	-	CAS No.	NA
Analysis Date	-	Retest Date	-
Mol. Formula	C ₁₆ H ₁₆ ClN ₇ O ₄	Molecular Wt.	405.8
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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