Certificate Of Analysis

Analysis Date: 10-02-2025 **Re-test Date:** 10-02-2028

CAFEDRINE NITROSO IMPURITY 1

Identification

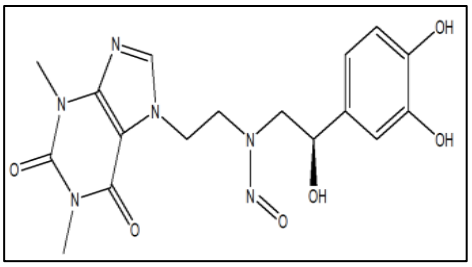
Chemical Name : (R)-N-(2-(3,4-Dihydroxyphenyl)-2-hydroxyethyl)-N-(2-(1,3-dimethyl-2,6-dioxo-1,2,3,6-tetrahydro-7H-purin-7-yl)ethyl)nitrous amide

CAT No : **ALL-CAF-3625**

CAS No : **N.A.**

Molecular Formula : **C17H20N6O6**

Molecular Weight : **404.4**



Analytical Information

Batch Code	: **ALL-CAF-3625**	**HPLC Purity**	: 98.09%
Solubility	: METHANOL	**Potency**	: 95.97%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 1.473 %	**1HNMR**	: Confirm
Residue Of Ignition	: 0.679%		

Additional Information

%Potency = [100 - (Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 – (1.473+0.679 × 98.09%]/100 = 95.97%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office
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