

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMZ001001-01)

**Release Date:** 20/03/2024

**Re-test Date:** 19/03/2027

## **Zolmitriptan Nitroso Impurity**

### **Identification**

**Chemical Name :**

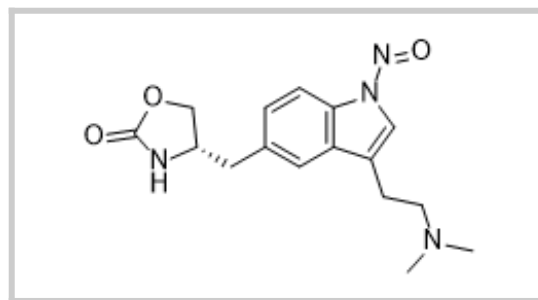
(S)-4-((3-(2-(dimethylamino)ethyl)-1-nitroso-1H-indol-5-yl)methyl)oxazolidin-2-one

**CAT No.** : KMZ001001

**CAS No.** : Not Available

**Molecular Formula** : C<sub>16</sub>H<sub>20</sub>N<sub>4</sub>O<sub>3</sub>

**Molecular Weight** : 316.35



### **Analytical Information**

**Batch No.** : ZOL-N-NO-073-110

**Solubility** : ACN

**Description** : Yellow Hygroscopic Solid

**Mass** : Confirm

**HPLC Purity** : 99.27 %

**IR** : Confirm

**Weight Loss By TGA** : 0.70 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 98.58 %

### **Additional Information**

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be shipped at room temperature

**% Potency** = [100 - 0.70(Weight Loss By TGA)] x [99.27(HPLC Purity)]/100 = 98.58 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		20/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		20/03/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA