

# CERTIFICATE OF ANALYSIS

(Certificate No. KMZ001001-01)

Release Date: 20/03/2024

Re-test Date: 19/03/2027

## Zolmitriptan Nitroso Impurity

### Identification

**Chemical Name :**

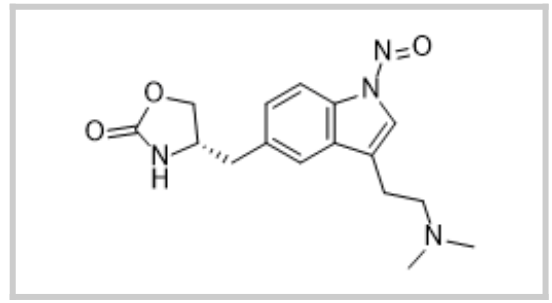
(S)-4-((3-(2-(dimethylamino)ethyl)-1-nitroso-1H-indol-5-yl)methyl)oxazolidin-2-one

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>H NMR, IR and TGA