

Analysis Date: 03-10-2025

Re-test Date: 03-10-2028

## N-NITROSO SUMATRIPTAN EP IMPURITY H

### Identification

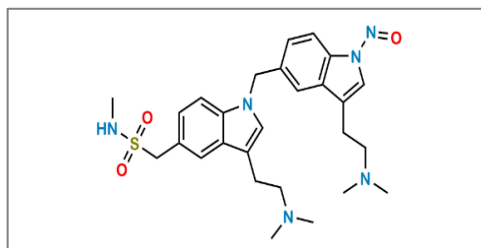
**Chemical Name** : 1-(3-(2-(Dimethylamino)ethyl)-1-((3-(2-(dimethylamino)ethyl)-1-nitroso-1H-indol-5-yl)methyl)-1H-indol-5-yl)-N-methylmethanesulfonamide

**CAT No** : ALL-SUM-50

**CAS No** : N.A.

**Molecular Formula** : C<sub>27</sub>H<sub>36</sub>N<sub>6</sub>O<sub>3</sub>S

**Molecular Weight** : 524.7



### Analytical Information

<b>Batch Code</b>	: ALL-SUM-50	<b>HPLC Purity</b>	: 98.00 %
<b>Solubility</b>	: MeOH : ACN	<b>Mass</b>	: Confirm
<b>Appearance of Product</b>	: Off White Solid	<b>IR Analysis</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 0C	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Weight Loss By TGA</b>	: 1.349 %	<b>Residue On Ignition</b>	: 0.959 %

### Additional Information

% Potency = [Chromatographic Purity % - TGA Value %] = [98.00 – 1.349] = 96.51%

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase 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