

Analysis Date: 01-10-2025

Re-test Date: 01-10-2028

## SUMATRIPTAN IMPURITY 7

### Identification

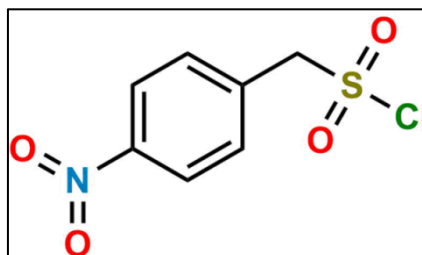
**Chemical Name** : (4-Nitrophenyl)methanesulfonyl chloride

**CAT No** : ALL-SUM-35

**CAS No** : 4025-75-6

**Molecular Formula** : C7H6ClNO4S

**Molecular Weight** : 235.6



### Analytical Information

<b>Batch Code</b>	: ALL-SUM-35	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 97.61%
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: -20°C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.248%	<b>1HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.144%		

### Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.248 + 0.144) \times 98.00\%] / 100 = 97.61\%$$

**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