

Analysis Date: 16-12-2025

Re-test Date: 16-12-2028

## GELDANAMYCIN 17-N-(2-DIMETHYLAMINOETHYLAMINO)

### Identification

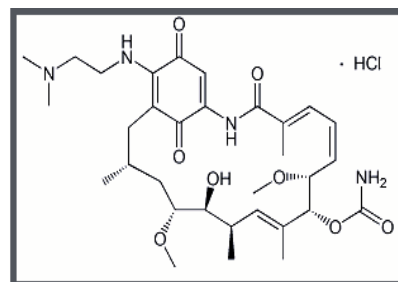
**Chemical Name** : 17-Demethoxy-17-[[2-(dimethylamino)ethyl]amino]geldanamycin hydrochloride

**CAT No** : ALL-GEL-1470

**CAS No** : 467214-21-7 (HCl) , 467214-20-6 (Base)

**Molecular Formula** : C<sub>32</sub>H<sub>49</sub>N<sub>4</sub>O<sub>8</sub>

**Molecular Weight** : 653.21



### Analytical Information

<b>Batch Code</b>	: ALL-GEL-1470	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 97.02%
<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>	: 0.257%	<b><sup>1</sup>HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.741%		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.257+0.741) × 98.00]/100 = 97.02%

**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, <sup>1</sup>H NMR, IR, TGA

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

#### Corporate Office