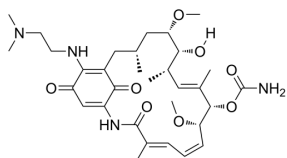


## Certificate of Analysis

<b>Product Name:</b>	Alvespimycin (hydrochloride)
<b>Cat. No.:</b>	CS-0162
<b>CAS No.:</b>	467214-21-7
<b>Batch No.:</b>	37704
<b>Chemical Name:</b>	Geldanamycin, 17-demethoxy-17-[[2-(dimethylamino)ethyl]amino]-, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>32</sub> H <sub>49</sub> ClN <sub>4</sub> O <sub>8</sub>
<b>Molecular Weight:</b>	653.21
<b>Storage:</b>	2-8°C, sealed storage, away from moisture
<b>Chemical Structure:</b>	

HCl

### ANALYTICAL DATA

<b>Appearance:</b>	Purple to purplish red (Solid)
<b>LCMS:</b>	Consistent with structure
<b>Purity (LCMS):</b>	98.80%
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite F, Monmouth Junction, NJ 08852, USA