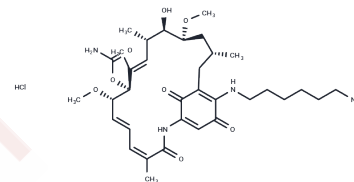


Aminohexylgeldanamycin hydrochloride

Chemical Properties

CAS No. :	1146534-45-3
Formula:	C ₃₄ H ₅₃ ClN ₄ O ₈
Molecular Weight:	681.27
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Aminohexylgeldanamycin (AHGDM) hydrochloride is a Geldanamycin derivative and a powerful inhibitor of HSP90. It exhibits significant antiangiogenic and antitumor properties.
Targets(IC50)	HSP,ADC Cytotoxin
In vitro	HPMA copolymer-aminohexylgeldanamycin conjugates target cell surface-expressed GRP78 in prostate cancer.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4678 mL	7.3392 mL	14.6785 mL
5 mM	0.2936 mL	1.4678 mL	2.9357 mL
10 mM	0.1468 mL	0.7339 mL	1.4678 mL
50 mM	0.0294 mL	0.1468 mL	0.2936 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Greish K, et al. Anticancer and antiangiogenic activity of HPMA copolymer-aminohexylgeldanamycin-RGDfK conjugates for prostate cancer therapy. *J Control Release*. 2011;151(3):263-270.
- Larson N, et al. HPMA copolymer-aminohexylgeldanamycin conjugates targeting cell surface expressed GRP78 in prostate cancer. *Pharm Res*. 2010;27(12):2683-2693.

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