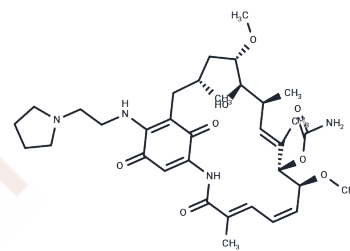


17-AEP-GA

## Chemical Properties

CAS No. :	75747-23-8
Formula:	C <sub>34</sub> H <sub>50</sub> N <sub>4</sub> O <sub>8</sub>
Molecular Weight:	642.78
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	17-AEP-GA is an HSP90 antagonist, a potent inhibitor of glioblastoma cell proliferation, survival, migration, and invasion, and a toxic component of antibody-coupled activated molecules (ADCs), which can be used to study glioblastomas.
Targets(IC50)	HSP,ADC Cytotoxin

## Solubility Information

Solubility	DMSO: 6.43 mg/mL (10 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5557 mL	7.7787 mL	15.5574 mL
5 mM	0.3111 mL	1.5557 mL	3.1115 mL
10 mM	0.1556 mL	0.7779 mL	1.5557 mL
50 mM	0.0311 mL	0.1556 mL	0.3111 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

Miekus K, et al. 17AEP-GA, an HSP90 antagonist, is a potent inhibitor of glioblastoma cell proliferation, survival, migration and invasion. *Oncol Rep.* 2012 Nov;28(5):1903-9.

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