

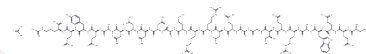
PUMA BH3 Free base

Chemical Properties

CAS No. :

Formula: C130H206N42O45S

Molecular Weight: 3109.35



Keep away from moisture

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	PUMA BH3 acetate (PUMA BH3 Free base) is a p53 positive regulator of apoptosis (PUMA) BH3 domain polypeptide that acts as a direct activator of Bak with a Kd of 26 nM.
Targets(IC50)	Bcl-2 Family

Solubility Information

Solubility	H2O: 15.62 mg/mL (5.02 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3216 mL	1.6081 mL	3.2161 mL
5 mM	0.0643 mL	0.3216 mL	0.6432 mL
10 mM	0.0322 mL	0.1608 mL	0.3216 mL
50 mM	0.0064 mL	0.0322 mL	0.0643 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

Dai H, et al. Evaluation of the BH3-only protein Puma as a direct Bak activator. J Biol Chem. 2014 Jan 3;289(1):89-99.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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