

## PUMA BH3 (TFA)

## Chemical Properties

CAS No. :

Formula: C130H203F3N42O45S

Molecular Weight: 3163.32

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 (TFA) is a p53 upregulated modulator of apoptosis (PUMA) BH3 domain peptide, acts as a direct activator of Bak, with a Kd of 26 nM.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3161 mL	1.5806 mL	3.1612 mL
5 mM	0.0632 mL	0.3161 mL	0.6322 mL
10 mM	0.0316 mL	0.1581 mL	0.3161 mL
50 mM	0.0063 mL	0.0316 mL	0.0632 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.

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