

r8 Bid BH3

Chemical Properties

CAS No. :

Formula: C145H260N66O41S

Molecular Weight: 3616.1

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	r8 Bid BH3, a biologically active peptide, is a pro-apoptotic member of the "BH3-only" subset within the BCL-2 family proteins, pivotal in regulating apoptosis. This compound exhibits lethality towards Bcl-2-expressing human leukemia cell lines, indicating its promise as a potential cancer therapeutic. The peptide is conjugated with poly-D-arginine (denoted by rrrrrrr), enhancing cellular uptake.
Targets(IC50)	Bcl-2 Family

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2765 mL	1.3827 mL	2.7654 mL
5 mM	0.0553 mL	0.2765 mL	0.5531 mL
10 mM	0.0277 mL	0.1383 mL	0.2765 mL
50 mM	0.0055 mL	0.0277 mL	0.0553 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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