

## BH3 hydrochloride

## Chemical Properties

CAS No. :

Formula: C120H183ClN36O32

Molecular Weight: 2677.45

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	BH3 hydrochloride, a peptide that crosses the blood-brain barrier, induces apoptosis either through direct activation of the pro-apoptotic proteins Bax/Bak or by inhibiting anti-apoptotic Bcl-2 proteins (Bcl-2, Bcl-XL, Bcl-w, Mcl-1, and A-1) through their BH3 domain [1][2].
Targets(IC50)	Apoptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3735 mL	1.8674 mL	3.7349 mL
5 mM	0.0747 mL	0.3735 mL	0.747 mL
10 mM	0.0373 mL	0.1867 mL	0.3735 mL
50 mM	0.0075 mL	0.0373 mL	0.0747 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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