

Bcl-2-IN-6

Chemical Properties

CAS No. :

Formula: C₂₅H₂₄N₄O₅S₂

Molecular Weight: 524.61

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Bcl-2-IN-6 is a potent inhibitor of Bcl-2 (b-cell lymphoma-2) that downregulates Bcl-2 expression and increases the expression of p53, Bax, and caspase-7 mRNA. bcl-2-IN-7 induces cell cycle arrest and apoptosis in breast cancer MCF-7 cells. bcl-2-IN-7 acts on MCF-7 cells (Bcl2-IN-7 showed good antitumor effects on MCF-7 cells (IC ₅₀ : 20.91 μM), LoVo cells (IC ₅₀ : 22.30 μM), HepG2 cells (IC ₅₀ : 42.29 μM) and A549 cells (IC ₅₀ : 48.00 μM).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9062 mL	9.5309 mL	19.0618 mL
5 mM	0.3812 mL	1.9062 mL	3.8124 mL
10 mM	0.1906 mL	0.9531 mL	1.9062 mL
50 mM	0.0381 mL	0.1906 mL	0.3812 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481