

GRPR antagonist-1

Chemical Properties

CAS No. :

Formula: C29H33F3N4O4

Molecular Weight: 558.59

Appearance: no data available

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

Biological Description

Description	GRPR antagonist-1 is a potent antagonist of the gastrin-releasing peptide receptor (GRPR) and is cytotoxic to certain cancer cells (able to act on PC3 cells (IC50: 4.97 μ M), Pan02 cells (IC50: 4.36 μ M), HGC-27 cells (IC50: 3.40 μ M)). antagonist-1 was able to reduce the level of Bcl-2 and increase the level of Bax, thereby inhibiting the viability of HGC-27 cells and causing apoptosis, and exhibited anti-cancer effects.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7902 mL	8.9511 mL	17.9022 mL
5 mM	0.358 mL	1.7902 mL	3.5804 mL
10 mM	0.179 mL	0.8951 mL	1.7902 mL
50 mM	0.0358 mL	0.179 mL	0.358 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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