

SphK1-IN-2

Chemical Properties

CAS No. :

Formula: C₂₇H₃₀BrNO₄S

Molecular Weight: 544.5

Appearance: no data available

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

Biological Description

Description	SphK1-IN-2 is a potent and selective SphK1 inhibitor that acts on both SphK1 (IC ₅₀ : 19.81 nM) and SphK2 (IC ₅₀ >10 nM). sphK1-IN-2 induces cell cycle arrest and apoptosis, exhibits anti-proliferative effects, and can be used to study cancer.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8365 mL	9.1827 mL	18.3655 mL
5 mM	0.3673 mL	1.8365 mL	3.6731 mL
10 mM	0.1837 mL	0.9183 mL	1.8365 mL
50 mM	0.0367 mL	0.1837 mL	0.3673 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

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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