

PKHB1

Chemical Properties

CAS No. : 1505523-99-8

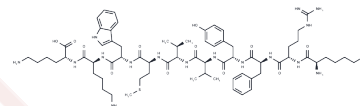
Formula: C₆₈H₁₀₅N₁₇O₁₂S

Molecular Weight: 1384.73

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	PKHB1 is a thrombospondin-1 peptide mimetic known for its antitumor properties. It induces mitochondrial alterations, ROS generation, intracellular Ca ⁺ accumulation, and calcium-dependent cell death in breast cancer cells. Additionally, PKHB1 promotes immune system activation through immunogenic cell death in breast cancer cells.
Targets(IC50)	Reactive Oxygen Species,Thrombopoietin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7222 mL	3.6108 mL	7.2216 mL
5 mM	0.1444 mL	0.7222 mL	1.4443 mL
10 mM	0.0722 mL	0.3611 mL	0.7222 mL
50 mM	0.0144 mL	0.0722 mL	0.1444 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481