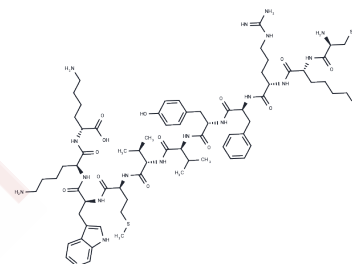


Cys-PKHB1

Chemical Properties

CAS No. :	2378833-51-1
Formula:	C71H110N18O13S2
Molecular Weight:	1487.88
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Cys-PKHB1 (Cys-txCD47) is a polypeptide consisting of a cysteine (Cys) residue coupled with PKHB1, which is a CD47 agonist peptide that acts as a thrombospondin-1 peptide mimetic with anti-tumor properties. In breast cancer cells, PKHB1 induces mitochondrial changes, ROS production, intracellular Ca ⁺ accumulation, and calcium-dependent cell death. Additionally, PKHB1 activates the immune system by inducing immunogenic cell death in breast cancer cells.
Targets(IC50)	Others,ROS,Thrombopoietin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6721 mL	3.3605 mL	6.721 mL
5 mM	0.1344 mL	0.6721 mL	1.3442 mL
10 mM	0.0672 mL	0.336 mL	0.6721 mL
50 mM	0.0134 mL	0.0672 mL	0.1344 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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