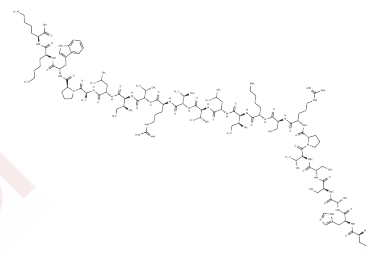


CD31

Chemical Properties

CAS No. : 161374-99-8
 Formula: C119H202N36O29
 Molecular Weight: 2601.1
 Storage: Keep away from moisture
 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	CD31, also known as platelet endothelial cell adhesion molecule-1 (PECAM-1), is a receptor on endothelial cells for clostridium perfringens beta-Toxin (CPB). It also functions as an ER-MP12 antigen and connects mechanical stress, metabolism, and inflammation. The CD31 peptide promotes phosphorylation of CD31 ITIM 686 and SHP2, thereby inhibiting TCR-induced T-cell activation [1]-[5].
Targets(IC50)	Antibacterial, Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3845 mL	1.9223 mL	3.8445 mL
5 mM	0.0769 mL	0.3845 mL	0.7689 mL
10 mM	0.0384 mL	0.1922 mL	0.3845 mL
50 mM	0.0077 mL	0.0384 mL	0.0769 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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