

## CD31 TFA

## Chemical Properties

CAS No. :

Formula: C121H203F3N36O31

Molecular Weight: 2715.12

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	CD31 TFA, also known as platelet endothelial cell adhesion molecule-1 (PECAM-1), functions as the specific receptor for Clostridium perfringens beta-Toxin (CPB) in endothelial cells. It is recognized as an ER-MP12 antigen and plays a pivotal role in connecting mechanical stress, metabolism, and inflammation. Additionally, the CD31 TFA peptide facilitates the phosphorylation of CD31 ITIM 686 and SHP2, further inhibiting TCR-induced T-cell activation [1]-[5].
Targets(IC50)	Antibacterial,Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3683 mL	1.8415 mL	3.6831 mL
5 mM	0.0737 mL	0.3683 mL	0.7366 mL
10 mM	0.0368 mL	0.1842 mL	0.3683 mL
50 mM	0.0074 mL	0.0368 mL	0.0737 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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