

PAR3 (1-6) (human)

Chemical Properties

CAS No. : 320347-28-2

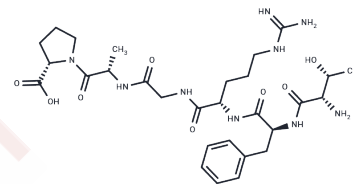
Formula: C₂₉H₄₅N₉O₈

Molecular Weight: 647.72

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	PAR3 (1-6) is a synthetic peptide agonist of Protease-Activated Receptor 1 (PAR1), corresponding to residues 1-6 of the extracellular tethered ligand sequence from human PAR3 and residues 39-44 of the full-length human sequence. PAR3 (1-6) activates the p42/44 MAPK signaling pathway in fibroblasts expressing PAR1 but not PAR3. This activation can be inhibited by the PAR1 antagonist RWJ 56110.1.
Targets(IC50)	Protease-activated Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5439 mL	7.7194 mL	15.4388 mL
5 mM	0.3088 mL	1.5439 mL	3.0878 mL
10 mM	0.1544 mL	0.7719 mL	1.5439 mL
50 mM	0.0309 mL	0.1544 mL	0.3088 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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