

tcY-NH2

Chemical Properties

CAS No. : 327177-34-4

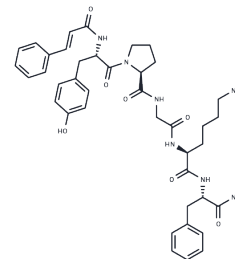
Formula: C40H49N7O7

Molecular Weight: 739.87

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	Selective PAR4 antagonist peptide. Inhibits endostatin release and platelet aggregation induced by thrombin.
Targets(IC50)	Protease-activated Receptor

Solubility Information

Solubility	H2O: 1 mg/mL (1.35 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3516 mL	6.7579 mL	13.5159 mL
5 mM	0.2703 mL	1.3516 mL	2.7032 mL
10 mM	0.1352 mL	0.6758 mL	1.3516 mL
50 mM	0.027 mL	0.1352 mL	0.2703 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.

Reference

Hollenberg et al (2004) Proteinase-activated receptor-4: evaluation of tethered ligand-derived peptides as probes for receptor function and as inflammatory agonists in vivo. Br.J.Pharmacol. 143 443 PMID:

Hollenberg and Saifeddine (2001) Proteinase-activated receptor 4 (PAR4): activation and inhibition of rat platelet aggregation by PAR4-derived peptides. Can.J.Physiol.Pharmacol. 79 439 PMID:

Ma et al (2001) Thrombin-induced platelet endostatin release is blocked by a proteinase activated receptor-4 (PAR4) antagonist. Br.J.Pharmacol. 134 701 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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