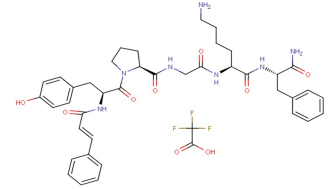


Data Sheet (Cat.No.TP1925L)

tcY-NH2 TFA(327177-34-4 free base)

Chemical Properties

CAS No.:	TP1925L
Formula:	C42H50F3N7O9
Molecular Weight:	853.9
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	tcY-NH2 TFA is a selective PAR4 antagonist peptide. Inhibits endostatin release and platelet aggregation induced by thrombin.
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Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.171 mL	5.855 mL	11.711 mL
5 mM	0.234 mL	1.171 mL	2.342 mL
10 mM	0.117 mL	0.586 mL	1.171 mL
50 mM	0.023 mL	0.117 mL	0.234 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

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:

Inhibitors · Natural Compounds · Compound Libraries

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