Data Sheet (Cat.No.T7573L)

TargetMol

TFLLR-NH2 2TFA(197794-83-5(free base))

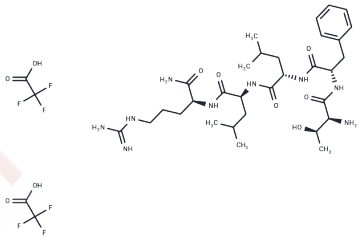
Chemical Properties

CAS No. :

Formula: C35H55F6N9O10

Molecular Weight: 875.87

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	TFLLR-NH2 2TFA(197794-83-5(free base)) is an agonist of PAR1 (EC50 :1.9 μM).
Targets(IC50)	Protease-activated Receptor

Solubility Information

Solubility	DMSO: 22.5 mg/mL (25.69 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1417 mL	5.7086 mL	11.4172 mL
5 mM	0.2283 mL	1.1417 mL	2.2834 mL
10 mM	0.1142 mL	0.5709 mL	1.1417 mL
50 mM	0.0228 mL	0.1142 mL	0.2283 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

Kawabata A , Kuroda R , Kuroki N , et al. Characterization of the protease-activated receptor-1-mediated contraction and relaxation in the rat duodenal smooth muscle[J]. Life Sciences, 2000, 67(20):0-2530.

Zhang L, Wang Z, Wu Y, et al.RasGRP4 aggravates ischemia-reperfusion injury in diabetic kidneys by mediating communication between macrophages and T cells.JCI insight.2024

Jia Y , Zhang S , Miao L , et al. Activation of platelet protease-activated receptor-1 induces epithelial-mesenchymal transition and chemotaxis of colon cancer cell line SW620[J]. Oncology Reports, 2015.

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