

TFLLR-NH2(TFA)

Chemical Properties

CAS No. : 1313730-19-6

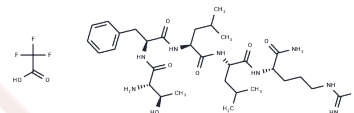
Formula: C33H54F3N9O8

Molecular Weight: 761.83

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	TFLLR-NH2 (TFA) is a selective PAR1 agonist with an EC50 of 1.9 μM [EC50: 1.9 μM (PAR1)].
Targets(IC50)	Protease-activated Receptor

Solubility Information

Solubility	DMSO: 100 mg/mL (131.26 mM),Sonication is recommended. H2O: 100 mg/mL (131.26 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 3.3 mg/mL (4.33 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3126 mL	6.5631 mL	13.1263 mL
5 mM	0.2625 mL	1.3126 mL	2.6253 mL
10 mM	0.1313 mL	0.6563 mL	1.3126 mL
50 mM	0.0263 mL	0.1313 mL	0.2625 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

de Garavilla L, et al. Agonists of proteinase-activated receptor 1 induce plasma extravasation by a neurogenic mechanism. Br J Pharmacol. 2001 Aug;133(7):975-87.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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