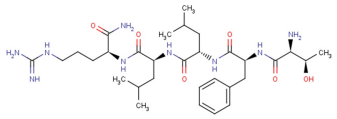
Data Sheet (Cat.No.T7573)

TargetMol
A DRUG SCREENING EXPERT

TFLLR-NH2(2TFA)

Chemical Properties



CAS No.:	197794-83-5
Formula:	C31H53N9O6
Molecular Weight:	647.81
Appearance:	N/A
Storage:	0-4℃ for short term (days to weeks), or -20℃ for long term (months).

Biological Description

Description	TFLLR-NH2(2TFA) is an agonist of PAR1 (EC50 :1.9 μM).
Targets(IC_{50})	PAR1: 1.9 μM(EC50)

Solubility Information

Solubility	DMSO: 10 mM (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.544 mL	7.718 mL	15.437 mL
5 mM	0.309 mL	1.544 mL	3.087 mL
10 mM	0.154 mL	0.772 mL	1.544 mL
50 mM	0.031 mL	0.154 mL	0.309 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 ℃ for 6 months; - 20 ℃ for 1 month. Please use it as soon as possible.

Reference

1. 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.

1. 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.

2. 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.

Inhibitors · Natural Compounds · Compound Libraries

Tel:781-999-4286 E-mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481