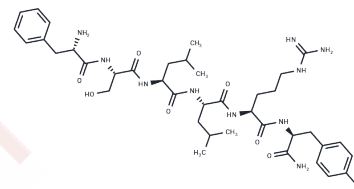


FSLLRY-NH2

Chemical Properties

CAS No. : 245329-02-6
 Formula: C39H60N10O8
 Molecular Weight: 796.97
 Storage: Keep away from moisture
 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 PAR2 peptide antagonist. Reverses taxol-induced mechanical allodynia, heat hyperalgesia and PKC activation in ICR mice. Blocks ERK activation and collagen production in isolated cardiac fibroblasts. Also reduces symptoms in a mouse model of dermatophyte-associated itch.
Targets(IC50)	Protease-activated Receptor

Solubility Information

Solubility	H2O: 1 mg/mL (1.25 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	1.2548 mL	6.2738 mL	12.5475 mL
5 mM	0.251 mL	1.2548 mL	2.5095 mL
10 mM	0.1255 mL	0.6274 mL	1.2548 mL
50 mM	0.0251 mL	0.1255 mL	0.251 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

- McLarty et al (2011) Tryptase/protease-activated receptor 2 interactions induce selective mitogen-activated protein kinase signaling and collagen synthesis by cardiac fibroblasts. Hypertension 58 264 PMID:
- Chen et al (2011) Proteinase-activated receptor 2 sensitizes transient receptor potential vanilloid 1, transient receptor potential vanilloid 4, and transient receptor potential ankyrin 1 in PacT.-induced neuropathic pain. Neuroscience 193 440 PMID:
- Andoh et al (2012) Involvement of serine protease and proteinase-activated receptor 2 in dermatophyte-associated itch in mice. J.Pharmacol.Exp.Ther. 343 91 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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