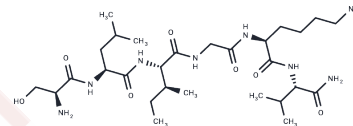


Protease-Activated Receptor-2, amide

Chemical Properties

CAS No. :	190383-13-2
Formula:	C ₂₈ H ₅₄ N ₈ O ₇
Molecular Weight:	614.78
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Protease-Activated Receptor-2, amide (SLIGKV-NH ₂) is an agonist of PAR2 with an IC ₅₀ of 10.4 M.
Targets(IC ₅₀)	Protease-activated Receptor

Solubility Information

Solubility	H ₂ O: 33.33 mg/mL (54.21 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	1.6266 mL	8.133 mL	16.266 mL
5 mM	0.3253 mL	1.6266 mL	3.2532 mL
10 mM	0.1627 mL	0.8133 mL	1.6266 mL
50 mM	0.0325 mL	0.1627 mL	0.3253 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

Kanke T, Ishiwata H, Kabeya M, et al. Binding of a highly potent protease-activated receptor-2 (PAR2) activating peptide, [~3H]2-furoyl-LIGRL-NH₂, to human PAR2[J]. British Journal of Pharmacology, 2005, 145(2):p.255-263.

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