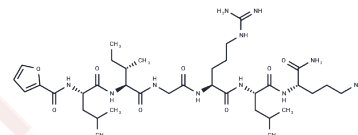


## 2-Furoyl-LIGRLO-amide

## Chemical Properties

CAS No. :	729589-58-6
Formula:	C36H63N11O8
Molecular Weight:	777.95
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	2-Furoyl-LIGRLO-amide TFA is a peptide that acts as a proteinase-activated receptor-2 (PAR2) agonist, and contains a furoyl group addition at its N-terminal.
Targets(IC50)	Protease-activated Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2854 mL	6.4271 mL	12.8543 mL
5 mM	0.2571 mL	1.2854 mL	2.5709 mL
10 mM	0.1285 mL	0.6427 mL	1.2854 mL
50 mM	0.0257 mL	0.1285 mL	0.2571 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

McGuire JJ, et al. 2-furoyl-LIGRLO-amide: a potent and selective proteinase-activated receptor 2 agonist. J Pharmacol Exp Ther. 2004 Jun;309(3):1124-31.

Losgott T, Kudlacek O, Yang J W, et al. The paracetamol metabolite N-acetyl-4-benzoquinoneimine (NAPQI) prevents modulation of KV7 channels via G-protein coupled receptors by interference with PIP2 and Ca<sup>2+</sup> sensitivity. British Journal of Pharmacology. 2024

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