

## 2-Furoyl-LIGRLO-amide TFA(729589-58-6 free base)

## Chemical Properties

CAS No. :

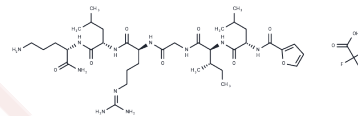
Formula: C<sub>38</sub>H<sub>64</sub>F<sub>3</sub>N<sub>11</sub>O<sub>10</sub>

Molecular Weight: 891.98

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	2-Furoyl-LIGRLO-amide TFA(729589-58-6 free base) is a potent and selective protease-activated receptor 2 (PAR2) agonist.
Targets(IC50)	Protease-activated Receptor

## Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. H2O: 250 mg/mL (280.28 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	1.1211 mL	5.6055 mL	11.211 mL
5 mM	0.2242 mL	1.1211 mL	2.2422 mL
10 mM	0.1121 mL	0.5606 mL	1.1211 mL
50 mM	0.0224 mL	0.1121 mL	0.2242 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.

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