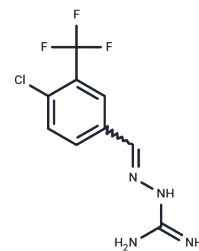


AC-099

## Chemical Properties

CAS No. : 849459-88-7  
 Formula: C<sub>9</sub>H<sub>8</sub>ClF<sub>3</sub>N<sub>4</sub>  
 Molecular Weight: 264.64  
 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	AC-099 (compound 3) serves as a selective full agonist at NPFF2R (EC <sub>50</sub> = 1189 nM) and a partial agonist at NPFF1R (EC <sub>50</sub> = 2370 nM). It has been shown to mitigate hypersensitivity induced by spinal nerve ligation in rats [1] [2].
Targets(IC50)	Others, Neuropeptide FF Receptor
In vivo	Compound AC-099 (化合物 3; 30 mg/kg; i.p.; single dose) completely attenuated the hypersensitivity in rats induced by SNL (脊神经结扎) [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7787 mL	18.8936 mL	37.7872 mL
5 mM	0.7557 mL	3.7787 mL	7.5574 mL
10 mM	0.3779 mL	1.8894 mL	3.7787 mL
50 mM	0.0756 mL	0.3779 mL	0.7557 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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