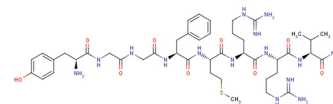


## Adrenorphin(3TFA)

## Chemical Properties

CAS No.:	88377-68-8
Formula:	C <sub>44</sub> H <sub>69</sub> N <sub>15</sub> O <sub>9</sub> S
Molecular Weight:	984.18
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Adrenorphin(3TFA) is an agonist of $\mu$ -opioid receptor( $K_i$ :12 nM).
Targets(IC <sub>50</sub> )	$\mu$ -opioid receptor: 12 nM

## Solubility Information

Solubility	DMSO: 50 mg/mL (50.80 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.016 mL	5.08 mL	10.161 mL
5 mM	0.203 mL	1.016 mL	2.032 mL
10 mM	0.102 mL	0.508 mL	1.016 mL
50 mM	0.02 mL	0.102 mL	0.203 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Miyata A , Mizuno K , Minamino N , et al. Regional distribution of adrenorphin in rat brain: Comparative study with PH-8P[J]. Biochemical and Biophysical Research Communications, 1984, 120(3):1030-1036.

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