

Adrenorphin 3TFA(88377-68-8(free base))

Chemical Properties

CAS No. :

Formula: C₅₀H₇₂N₁₅O₁₅S

Molecular Weight: 1326.26

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	Adrenorphin 3TFA(88377-68-8(free base)) (Metorphamide) is an agonist of μ -opioid receptor(Ki :12 nM).
Targets(IC50)	Opioid Receptor

Solubility Information

Solubility	DMSO: 25 mg/mL (18.85 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	0.754 mL	3.770 mL	7.540 mL
5 mM	0.1508 mL	0.754 mL	1.508 mL
10 mM	0.0754 mL	0.377 mL	0.754 mL
50 mM	0.0151 mL	0.0754 mL	0.1508 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

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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481