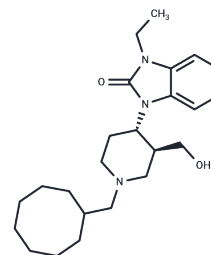


(±)-J 113397

Chemical Properties

CAS No. : 217461-40-0
 Formula: C₂₄H₃₇N₃O₂
 Molecular Weight: 399.57
 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	(±)-J-113397 is a potent and selective non-peptidyl ORL1 receptor antagonist (K(i): cloned human ORL1=1.8 nM). J-113397 inhibited nociceptin/orphanin FQ-stimulated GTPγS binding to CHO cells expressing ORL1 with an IC ₅₀ value of 5.3 nM. J-113397 can be used for researching the physiological roles of nociceptin/orphanin FQ [1].
Targets(IC ₅₀)	Others,Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5027 mL	12.5135 mL	25.0269 mL
5 mM	0.5005 mL	2.5027 mL	5.0054 mL
10 mM	0.2503 mL	1.2513 mL	2.5027 mL
50 mM	0.0501 mL	0.2503 mL	0.5005 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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