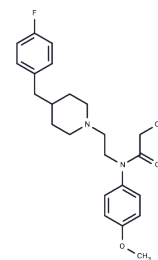


σ 1 Receptor/ μ Opioid receptor modulator 1

Chemical Properties

CAS No. : 2412700-00-4
 Formula: C₂₄H₃₁FN₂O₂
 Molecular Weight: 398.51
 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	σ 1 Receptor/ μ Opioid receiver modulator 1 (Compound 44) is an effective σ 1 receptor antagonist ($K_i=1.86$ nM) and μ Opioid receptor agonists ($K_i=2.1$ nM). Opioid receptor modulator 1 shows potent analgesic activity, and can be used for the research of neuropathic pain.
Targets(IC50)	Others,Opioid Receptor,Sigma receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5093 mL	12.5467 mL	25.0935 mL
5 mM	0.5019 mL	2.5093 mL	5.0187 mL
10 mM	0.2509 mL	1.2547 mL	2.5093 mL
50 mM	0.0502 mL	0.2509 mL	0.5019 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

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