

D3R/MOR antagonist 2

Chemical Properties

CAS No. :

Formula: C₂₅H₃₁ClN₂O

Molecular Weight: 410.98

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	Compound 121, a D3R/MOR antagonist with K _i values of 361 nM and 85.2 nM for D3R and MOR respectively, has the potential for analgesic effects through MOR partial agonism and may reduce opioid-misuse liability through D3R antagonism [1].
Targets(IC50)	Opioid Receptor,Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4332 mL	12.166 mL	24.3321 mL
5 mM	0.4866 mL	2.4332 mL	4.8664 mL
10 mM	0.2433 mL	1.2166 mL	2.4332 mL
50 mM	0.0487 mL	0.2433 mL	0.4866 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