

Opioid receptor agonist 1

Chemical Properties

CAS No. :

Formula: C₃₂H₄₅N₅O

Molecular Weight: 515.73

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	Opioid receptor agonist1 (Compound 2638-28) is an orally active opioid receptor agonist that shows strong affinity for MOR, DOR, and KOR, with Ki values of 5, 24, and 212 nM, respectively. It exhibits analgesic activity in both the mouse warm water tail-flick model and the acetic acid writhing model.
Targets(IC50)	Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.939 mL	9.695 mL	19.390 mL
5 mM	0.3878 mL	1.939 mL	3.878 mL
10 mM	0.1939 mL	0.9695 mL	1.939 mL
50 mM	0.0388 mL	0.1939 mL	0.3878 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

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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481