

CTOP TFA

Chemical Properties

CAS No. :

Formula: C52H68F3N11O13S2

Molecular Weight: 1176.28

Keep away from moisture

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	CTOP TFA, a potent and highly selective μ -opioid receptor antagonist, antagonizes acute analgesic effects and hypermotility, while enhancing extracellular dopamine levels in the nucleus accumbens. It also dose-dependently increases locomotor activity [1] [2].
Targets(IC50)	Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8501 mL	4.2507 mL	8.5014 mL
5 mM	0.170 mL	0.8501 mL	1.7003 mL
10 mM	0.085 mL	0.4251 mL	0.8501 mL
50 mM	0.017 mL	0.085 mL	0.170 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