

CHF-6366

Chemical Properties

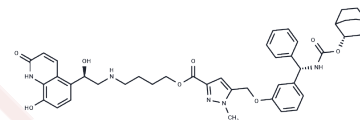
CAS No. : 1615208-41-7

Formula: C42H48N6O8

Molecular Weight: 764.87

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	CHF-6366 is a dual-action chemical compound acting as a potent M3 muscarinic antagonist and β 2-adrenergic receptors agonist, with respective pK _i values of 10.4 and 11.4. Additionally, it exhibits weak calcium channel inhibitory properties (IC ₅₀ ~50 μ M) and demonstrates the ability to inhibit bronchoconstriction in guinea pigs, making it a viable candidate for chronic obstructive pulmonary disease (COPD) research.
Targets(IC50)	Others, Calcium Channel, Adrenergic Receptor, AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3074 mL	6.5371 mL	13.0741 mL
5 mM	0.2615 mL	1.3074 mL	2.6148 mL
10 mM	0.1307 mL	0.6537 mL	1.3074 mL
50 mM	0.0261 mL	0.1307 mL	0.2615 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