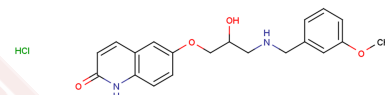


OPC18750 HCl

Chemical Properties

CAS No. :	145364-90-5
Formula:	C ₂₀ H ₂₃ ClN ₂ O ₄
Molecular Weight:	390.86
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	OPC18750 HCl is a potential phosphodiesterase inhibitor with positive inotropic effects that can be used to study asthma, cancer, diabetes, and psychiatric disorders.
Targets(IC50)	PDE

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5585 mL	12.7923 mL	25.5846 mL
5 mM	0.5117 mL	2.5585 mL	5.1169 mL
10 mM	0.2558 mL	1.2792 mL	2.5585 mL
50 mM	0.0512 mL	0.2558 mL	0.5117 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.

Reference

Fujioka T, et al. Novel positive inotropic agents: synthesis and biological activities of 6-(3-amino-2-hydroxypropoxy)-2(1H)-quinolinone derivatives. J Med Chem. 1992 Oct 2;35(20):3607-12.

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