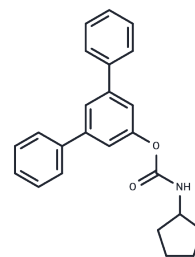


LUF5771

Chemical Properties

CAS No. : 1141802-49-4
 Formula: C₂₄H₂₃NO₂
 Molecular Weight: 357.44
 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	LUF5771 is a highly potent allosteric inhibitor of recombinant luteinizing hormone (reLH) and Org 43553. It exhibits partial activation of the LH receptor with low efficacy [1].
Targets(IC50)	Others,GNRH Receptor
In vitro	LUF5771 (1 μM or 10 μM) allosteric inhibition is concentration-dependent. LUF5771 significantly increases radioligand dissociation. LUF5771 probably binds to the seven transmembrane domain like Org 43553 does. LUF5771 (10 μM) alone is able to partially activate the LH receptor by 31±4% [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7977 mL	13.9884 mL	27.9767 mL
5 mM	0.5595 mL	2.7977 mL	5.5953 mL
10 mM	0.2798 mL	1.3988 mL	2.7977 mL
50 mM	0.056 mL	0.2798 mL	0.5595 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

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