

VUF14480

Chemical Properties

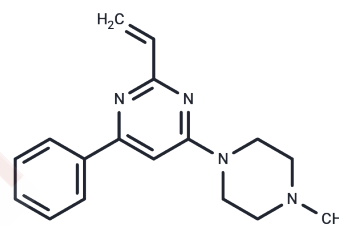
CAS No. : 1605304-31-1

Formula: C17H20N4

Molecular Weight: 280.37

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	VUF14480 is a covalent partial agonist that interacts with cysteine 98(3.36) of the human histamine H ₄ receptor. VUF14480 was shown to be a partial agonist of hH ₄ receptor-mediated G protein signalling and β-arrestin2 recruitment. VUF14480 bound covalently to the hH ₄ receptor with submicromolar affinity. Serine substitution of C98(3.36) prevented this covalent interaction.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5667 mL	17.8336 mL	35.6672 mL
5 mM	0.7133 mL	3.5667 mL	7.1334 mL
10 mM	0.3567 mL	1.7834 mL	3.5667 mL
50 mM	0.0713 mL	0.3567 mL	0.7133 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