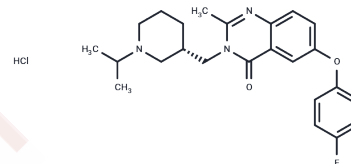


YIL781 hydrochloride

Chemical Properties

CAS No. :	1640226-17-0
Formula:	C ₂₄ H ₂₉ ClFN ₃ O ₂
Molecular Weight:	445.96
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	YIL781 is a ghrelin receptor antagonist (GHS-R1a) (K _i = 17 nM) with no significant affinity for the motilin receptor (K _i = 6 μM).
Targets(IC50)	Others,GHSR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2424 mL	11.2118 mL	22.4235 mL
5 mM	0.4485 mL	2.2424 mL	4.4847 mL
10 mM	0.2242 mL	1.1212 mL	2.2424 mL
50 mM	0.0448 mL	0.2242 mL	0.4485 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

Moran and Dailey (2009) Gut peptides: targets for antiobesity drug development? *Endocrinology* 150 2526. PMID: 19372201.

Esler et al (2007) Small-molecule ghrelin receptor antagonists improve glucose tolerance, suppress appetite, and promote weight loss. *Endocrinology* 148 5175. PMID: 17656463.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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