

BAY 1214784

Chemical Properties

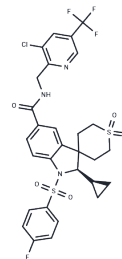
CAS No. : 1631164-25-4

Formula: C₂₉H₂₆ClF₄N₃O₅S₂

Molecular Weight: 672.11

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	BAY 1214784 is a selective and orally active human GnRH-R (Human Gonadotropin-Releasing Hormone Receptor) antagonist, which can effectively reduce plasma luteinizing hormone levels by up to 49% and can be used for the study of uterine fibroids.
Targets(IC50)	GNRH Receptor

Solubility Information

Solubility	DMSO: 30 mg/mL (44.64 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4879 mL	7.4393 mL	14.8785 mL
5 mM	0.2976 mL	1.4879 mL	2.9757 mL
10 mM	0.1488 mL	0.7439 mL	1.4879 mL
50 mM	0.0298 mL	0.1488 mL	0.2976 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

Panknin O, et al. Discovery and Characterization of BAY 1214784, an Orally Available Spiroindoline Derivative Acting as a Potent and Selective Antagonist of the Human Gonadotropin-Releasing Hormone Receptor as Proven in a First-In-Human Study in Postmenopausal Women. *J Med Chem.* 2020;63(20):11854-11881.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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