

Linzagolix choline

Chemical Properties

CAS No. : 1321816-57-2

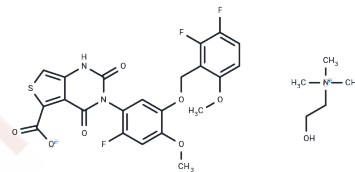
Formula: C27H28F3N3O8S

Molecular Weight: 611.59

Keep away from direct sunlight

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	Linzagolix choline is an orally available non-peptide gonadotropin-releasing hormone (GnRH) antagonist. It can be used to study pain associated with uterine fibroids and endometriosis.
Targets(IC50)	GNRH Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6351 mL	8.1754 mL	16.3508 mL
5 mM	0.327 mL	1.6351 mL	3.2702 mL
10 mM	0.1635 mL	0.8175 mL	1.6351 mL
50 mM	0.0327 mL	0.1635 mL	0.327 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

- Kobayashi K, et al. Non-clinical studies indicating lack of interactions between iron/calcium ions and linzagolix, an orally available GnRH antagonist. *Xenobiotica*. 2022 May;52(5):488-497.
- de Lange ME, et al. Considerations on implementation of the newest treatment for symptomatic uterine fibroids: Oral GnRH antagonists. *Br J Clin Pharmacol*. 2024 Feb;90(2):392-405.
- Donnez J, et al. Evolution of uterine adenomyosis volume during and after GnRH antagonist (linzagolix) treatment: lessons for further clinical trials. *Fertil Steril*. 2023 Nov;120(5):1071-1073.
- Tezuka M, et al. Suppression of hypothalamic-pituitary-gonadal function by linzagolix in benign prostatic hyperplasia and polycystic ovary syndrome animal models. *Clin Exp Pharmacol Physiol*. 2023 Nov;50(11):914-923.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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