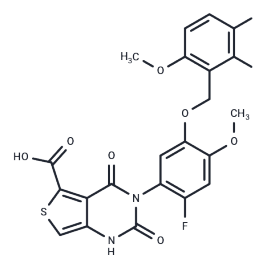


Linzagolix

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 935283-04-8 |
| Formula: | C ₂₂ H ₁₅ F ₃ N ₂ O ₇ S |
| Molecular Weight: | 508.42 |
| 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 is a small-molecule, non-peptide, orally active gonadotropin-releasing hormone antagonist (GnRH antagonist) which is under development by Kissei Pharmaceutical and ObsEva for the treatment of uterine fibroids, endometriosis, and adenomyosis. As of December 2020, it is under review for approval for uterine fibroids, is in phase III clinical trials for endometriosis, and is in phase II clinical studies for adenomyosis. |
| Targets(IC50) | GNRH Receptor |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 55 mg/mL (108.18 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.9669 mL | 9.8344 mL | 19.6688 mL |
| 5 mM | 0.3934 mL | 1.9669 mL | 3.9338 mL |
| 10 mM | 0.1967 mL | 0.9834 mL | 1.9669 mL |
| 50 mM | 0.0393 mL | 0.1967 mL | 0.3934 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

Ezzati M, Carr BR (2015). "Elagolix, a novel, orally bioavailable GnRH antagonist under investigation for the treatment of endometriosis-related pain". *Womens Health (Lond)*. 11 (1): 19-28.

Chodankar, Rohan; Allison, Jennifer (2018). "New Horizons in Fibroid Management". *Current Obstetrics and Gynecology Reports*. 7 (2): 106-115.

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