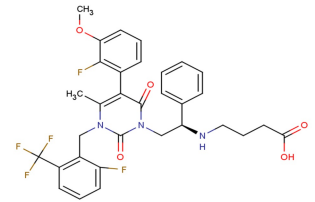


## Data Sheet (Cat.No.T11174)

(R)-Elagolix

### Chemical Properties

CAS No.:	834153-87-6
Formula:	C32H30F5N3O5
Molecular Weight:	631.59
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



### Biological Description

Description	(R)-Elagolix is a short-acting, nonpeptide, GnRH antagonist with an IC <sub>50</sub> and K <sub>i</sub> of 0.25 and 3.7 nM, respectively. administered orally, that unlike injectable depot GnRH agonists and antagonists, produces a dose-dependent suppression of ovarian estrogen production, that is, from partial suppression at lower doses to full suppression at higher doses.
Targets(IC <sub>50</sub> )	Others: None

### Solubility Information

Solubility	DMSO: 100 mg/mL (158.33 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.583 mL	7.917 mL	15.833 mL
5 mM	0.317 mL	1.583 mL	3.167 mL
10 mM	0.158 mL	0.792 mL	1.583 mL
50 mM	0.032 mL	0.158 mL	0.317 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

1. Carr B, et al. Elagolix, an oral GnRH antagonist, versus subcutaneous depot medroxyprogesterone acetate for the treatment of endometriosis: effects on bone mineral density. *Reprod Sci.* 2014 Nov;21(11):1341-1351.

Inhibitors · Natural Compounds · Compound Libraries

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