

# Elagolix sodium

## Catalog No: tcsc0003317



### Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



### Specifications

**CAS No:**

832720-36-2

**Formula:**

$C_{32}H_{29}F_5N_3NaO_5$

**Pathway:**

GPCR/G Protein

**Target:**

GNRH Receptor

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Alternative Names:**

NBI-56418 sodium

**Observed Molecular Weight:**

653.57

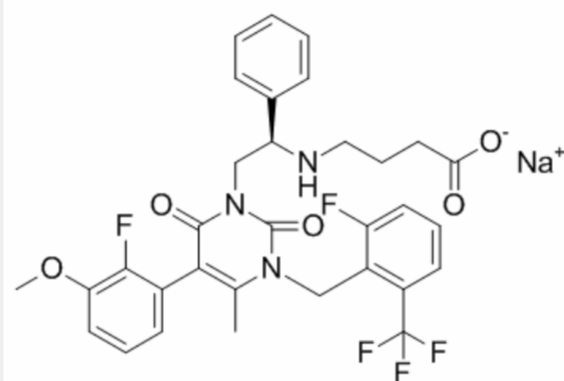
## Product Description

Elagolix sodium is a human **GnRH receptor (GnRHR)** antagonist with an **IC<sub>50</sub>** and **K<sub>i</sub>** of 0.25 and 3.7 nM, respectively.

IC50 & Target: IC50: 0.25 nM (GnRHR)<sup>[1]</sup>

Ki: 3.7 nM (GnRHR)<sup>[2]</sup>

***In Vitro:*** Elagolix sodium is a human GnRH receptor (GnRHR) antagonist with an IC<sub>50</sub> of 0.25 nM in Kinase assay. Elagolix sodium has advanced to phase 3 trials for the treatment of endometriosis and uterine fibroids. Elagolix sodium also shows NFAT inhibition with an IC<sub>50</sub> of 5.4 nM and effectively blocks Ca<sup>2+</sup> flux with an IC<sub>50</sub> of 0.86 nM<sup>[1]</sup>. Kinase assay also demonstrates that Elagolix sodium is a human GnRH receptor (GnRHR) antagonist with a K<sub>i</sub> value of 3.7 nM<sup>[2]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!