

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

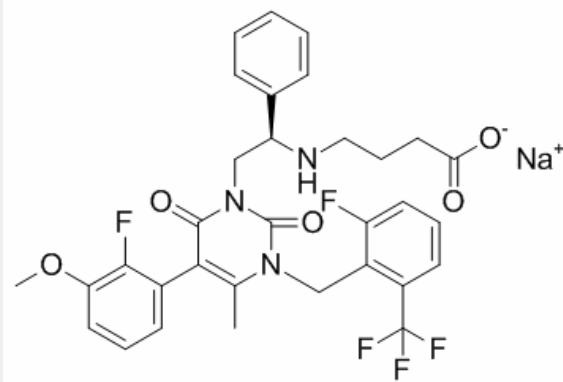
Product Description

Elagolix sodium is a human **GnRH receptor (GnRHR)** antagonist with an **IC₅₀** and **K_i** of 0.25 and 3.7 nM, respectively.

IC50 & Target: IC50: 0.25 nM (GnRHR)^[1]

Ki: 3.7 nM (GnRHR)^[2]

In Vitro: Elagolix sodium is a human GnRH receptor (GnRHR) antagonist with an IC₅₀ 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 IC₅₀ of 5.4 nM and effectively blocks Ca²⁺ flux with an IC₅₀ of 0.86 nM^[1]. Kinase assay also demonstrates that Elagolix sodium is a human GnRH receptor (GnRHR) antagonist with a K_i value of 3.7 nM^[2].



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