

Relugolix

Catalog No: tcsc5917



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

737789-87-6

Formula:

$C_{29}H_{27}F_2N_7O_5S$

Pathway:

GPCR/G Protein

Target:

GNRH Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

TAK-385

Observed Molecular Weight:

623.63

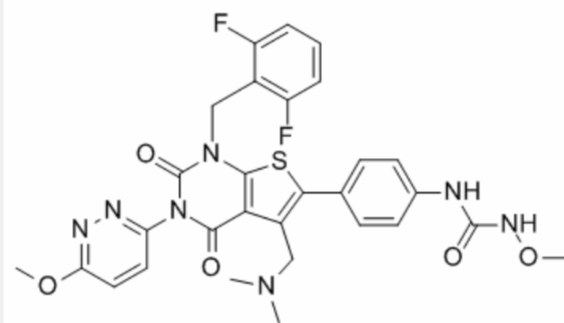
Product Description

Relugolix is a novel, non-peptide, orally active gonadotropin-releasing hormone (GnRH) antagonist with IC₅₀ of 0.33 nM in the presence of 40% fetal bovine serum, TAK-385 possesses higher affinity and potent antagonistic activity compared with TAK-013.

target: GnRH [1]

IC₅₀: 0.33 nM [1]

In vivo: In female knock-in mice, twice-daily oral administration of TAK-385 (100mg/kg) induces constant diestrous phases within the first week, decreases the uterus weight to ovariectomized levels and downregulated GnRH receptor mRNA in the pituitary after 4 weeks.[2]



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