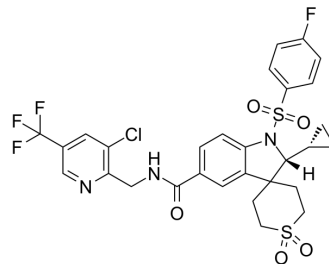


BAY 1214784

Cat. No.:	HY-144863
CAS No.:	1631164-25-4
Molecular Formula:	C ₂₉ H ₂₆ ClF ₄ N ₃ O ₅ S ₂
Molecular Weight:	672.11
Target:	GnRH Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BAY 1214784 is a potent, selective, and orally active antagonist of the human gonadotropin-releasing hormone receptor (hGnRH-R). BAY 1214784 is a spiroindoline derivative compound. BAY 1214784 effectively lowers plasma luteinizing hormone levels by up to 49%, at the same time being associated with low pharmacokinetic variability and good tolerability. BAY 1214784 has the potential for the research of uterine fibroids^[1].

REFERENCES

[1]. Panknin O, et al. Discovery and Characterization of BAY 1214784, an Orally Available Spiroindoline Derivative Acting as a Potent and Selective Antagonist of the Human Gonadotropin-Releasing Hormone Receptor as Proven in a First-In-Human Study in Postmenopausal Women. *J Med Chem.* 2020;63(20):11854-11881

Caution: Product has not been fully validated for medical applications. For research use only.

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