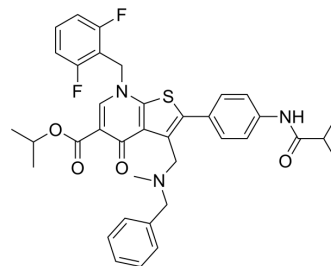


T-98475

Cat. No.:	HY-107533
CAS No.:	199119-18-1
Molecular Formula:	C ₃₇ H ₃₇ F ₂ N ₃ O ₄ S
Molecular Weight:	657.77
Target:	GnRH Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	T-98475 (Compound 26d) is a potent, orally active, non-peptide luteinizing hormone-releasing hormone (LHRH) receptor antagonist with an IC ₅₀ of 0.2 nM ^[1] .
IC₅₀ & Target	IC ₅₀ : 0.2 nM (human LHRH receptor), 2 nM (monkey LHRH receptor), 4 nM (monkey anterior pituitaries), 60 nM (rat anterior pituitaries) ^[1]

REFERENCES

[1]. Imada T, et al. Design, synthesis, and structure-activity relationships of thieno[2,3-b]pyridin-4-one derivatives as a novel class of potent, orally active, non-peptide luteinizing hormone-releasing hormone receptor antagonists. J Med Chem. 2006 Jun 29;49(13):3809-25.

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

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