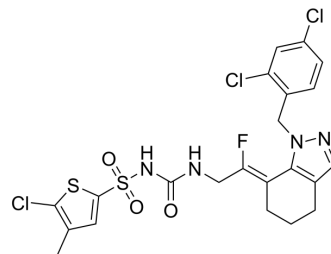


EP3 antagonist 4

Cat. No.:	HY-153256
CAS No.:	2408297-80-1
Molecular Formula:	C ₂₂ H ₂₀ Cl ₃ FN ₄ O ₃ S ₂
Molecular Weight:	577.91
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

EP3 antagonist 4 (Compound 28) is an EP3 antagonist, with a K_i value of 2 nM for hEP. EP3 antagonist 4 shows low *in vivo* clearance, high oral AUC, and good bioavailability in the rat full PK studies. EP3 antagonist 4 can be used for research of beta cell dysfunction in diabetes^[1].

REFERENCES

[1]. Zhu B, et al. Discovery and Optimization of 7-Alkylidenyltetrahydroindazole-Based Acylsulfonamide EP3 Antagonists. ACS Med Chem Lett. 2021 Dec 7;13(1):111-117.

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

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