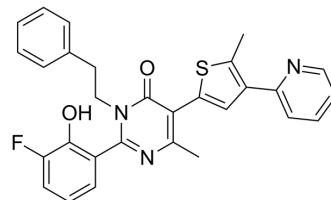


CaSR antagonist-1

Cat. No.:	HY-153258
CAS No.:	1219811-83-2
Molecular Formula:	C ₂₉ H ₂₄ FN ₃ O ₂ S
Molecular Weight:	497.58
Target:	CaSR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CaSR antagonist-1 is a calcium sensing receptor (CaSR) antagonist with an IC ₅₀ value of 50 nM. CaSR antagonist-1 can be used for the research of disorders associated with abnormal bone or mineral homeostasis such as osteoporosis ^[1] .
IC ₅₀ & Target	IC ₅₀ : 50 nM (CaSR) ^[1] . EC ₅₀ : 50 μM (hPXR Gene reporter assay) ^[1] .

REFERENCES

[1]. Ramanjulu JM, et al. Overcoming the Pregnane X Receptor Liability: Rational Design to Eliminate PXR-Mediated CYP Induction. ACS Med Chem Lett. 2021 Aug 10;12(9):1396-1404.

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

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