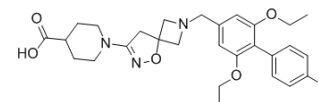


SSTR5 antagonists 1

Cat. No.:	HY-102037
CAS No.:	1628741-91-2
Molecular Formula:	C ₂₈ H ₃₄ FN ₃ O ₅
Molecular Weight:	511.59
Target:	Somatostatin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the COA.



Solvent & Solubility

In Vitro

10 mM in DMSO

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.9547 mL	9.7735 mL	19.5469 mL
	5 mM	0.3909 mL	1.9547 mL	3.9094 mL
	10 mM	0.1955 mL	0.9773 mL	1.9547 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

 SSTR5 antagonists 1 is a potent, selective, and orally available somatostatin receptor subtype 5 (SSTR5) antagonist with IC₅₀s of 9.6 and 57 nM for hSSTR5 and mSSTR5, respectively. (Compound 25a)^[1]

IC₅₀ & Target

 IC₅₀: 9.6 nM (hSSTR5), 57 nM (mSSTR5)^[1]

REFERENCES

[1]. Hirose H, et al. Discovery of novel 5-oxa-2,6-diazaspiro[3.4]oct-6-ene derivatives as potent, selective, and orally available somatostatin receptor subtype 5 (SSTR5) antagonists for treatment of type 2 diabetes mellitus. *Bioorg Med Chem.* 2017 Aug 1;25(15):4175-4193.

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

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