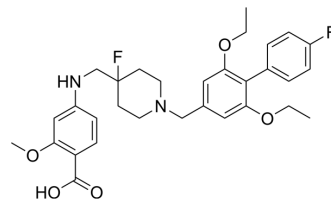


## SSTR5 antagonist 3

Cat. No.:	HY-157303
CAS No.:	2851454-42-5
Molecular Formula:	C <sub>31</sub> H <sub>36</sub> F <sub>2</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	554.62
Target:	Somatostatin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	SSTR5 antagonist 3 (Compound 23) is an orally active somatostatin receptor subtype 5 (SSTR5) antagonist with low hERG inhibition. SSTR5 antagonist 3 exhibits potency with IC <sub>50</sub> values of 2.8 nM and 1.4 nM in human and mouse, respectively. SSTR5 antagonist 3 can be used for the research of anti-gallstone <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC50: 2.8 nM (human); 1.4 nM (mouse) <sup>[1]</sup> .

### REFERENCES

[1]. Han F, et al. Discovery and exploration of novel somatostatin receptor subtype 5 (SSTR5) antagonists for the treatment of cholesterol gallstones. Eur J Med Chem. 2023 Dec 5;264:116017.

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

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