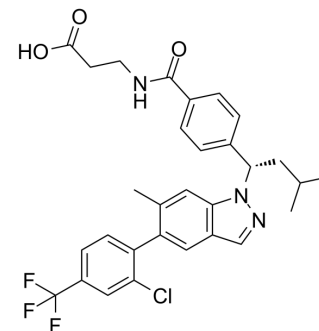


Glucagon receptor antagonists-5

Cat. No.:	HY-128781
CAS No.:	2200274-63-9
Molecular Formula:	C ₃₀ H ₂₉ ClF ₃ N ₃ O ₃
Molecular Weight:	572.02
Target:	Glucagon Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Glucagon receptor antagonists-5 (compound 13K) is a potent and orally bioavailable indazole-based glucagon receptor antagonist ($K_i=32$ nM). Glucagon receptor antagonists-5 has potential for the treatment of type 2 diabetes mellitus (T2DM) ^[1] .
IC ₅₀ & Target	Ki: 32 nM (glucagon receptor) ^[1]

REFERENCES

[1]. Xu G, et al. Discovery of potent and orally bioavailable indazole-based glucagon receptor antagonists for the treatment of type 2 diabetes. *Bioorg Med Chem Lett*. 2019 Oct 15;29(20):126668.

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

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