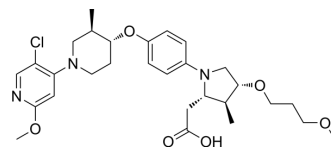


GPR40 agonist 7

Cat. No.:	HY-162136
CAS No.:	1821647-46-4
Molecular Formula:	C ₂₉ H ₄₀ ClN ₃ O ₆
Molecular Weight:	562.1
Target:	Free Fatty Acid Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

GPR40 agonist 7 (Compound 1) is an orally active G protein-coupled receptor 40 (GPR40) agonist. GPR40 agonist 7 can significantly increase insulin and GLP-1 secretion, and has a hypoglycemic effect in vivo with an ED₅₀ of 0.58 mg/kg^[1]

REFERENCES

[1]. Hou X, et al. Evolution of the Synthetic Process to an Advanced GPR40 Agonist[J]. Organic Process Research & Development, 2024.

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

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