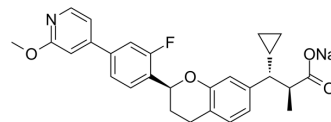


AP5 sodium

Cat. No.:	HY-112603A
CAS No.:	1623143-67-8
Molecular Formula:	C ₂₈ H ₂₇ FNNaO ₄
Molecular Weight:	483.51
Target:	GPR40
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AP5 sodium is a potent, orally active, and selective GPR40 receptor agonist with a positive allosteric modulation of endogenous ligand (AgoPAM). AP5 sodium demonstrates rat and human inositol monophosphate (IP1) EC₅₀ values of 0.49 nM and 0.8 nM against the GPR40 receptor, respectively. AP5 sodium has the potential for type II diabetes research^[1].

REFERENCES

[1]. Chen HY, et al. Structure-Activity Relationship of Novel and Selective Biaryl-Chroman GPR40 AgoPAMs. ACS Med Chem Lett. 2018 Jun 14;9(7):685-690.

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

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