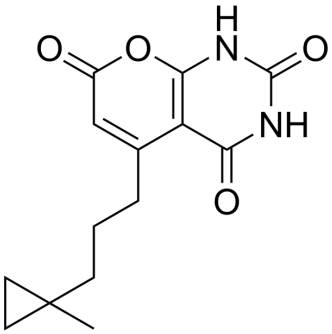
SCH-900271

Cat. No.:	HY-111143
CAS No.:	915210-50-3
Molecular Formula:	$C_{14}H_{16}N_2O_4$
Molecular Weight:	276.29
Target:	nAChR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SCH-900271 is an orally active, potent nicotinic acid receptor (NAR) agonist with an EC_{50} of 2 nM in the hu-GPR109a assay. SCH-900271 exhibits dose-dependent inhibition of plasma free fatty acid (FFA). SCH-900271 has an improved therapeutic window to flushing[1].
IC_{50} & Target	EC50: 2.0 nM (hu-GPR109a), 96 nM (hu-GPR109b), 8.0 nM (rat-GPR109a), 6.0 nM (m-GPR109a) and 5.0 nM (dog-GPR109a)[1]

REFERENCES

[1]. Anandan Palani, et al. Discovery of SCH 900271, a Potent Nicotinic Acid Receptor Agonist for the Treatment of Dyslipidemia. ACS Med Chem Lett. 2011 Nov 24;3(1):63-8.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA