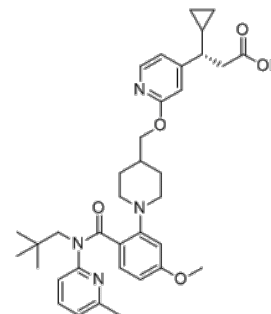


**Product Name** : SCO-267  
**Cat. No.** : PC-72109  
**CAS No.** : 1656261-09-4  
**Molecular Formula** : C<sub>36</sub>H<sub>46</sub>N<sub>4</sub>O<sub>5</sub>  
**Molecular Weight** : 614.787  
**Target** : Free Fatty Acid Receptor (FFAR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

SCO-267 (SCO267) is a potent, orally available **GPR40**/FFAR1 full agonist with EC<sub>50</sub> of 12 nM (hGPR40). SCO-267 activated G<sub>q</sub> signaling in both high- and low-FFAR1-expressing CHO cells, increased insulin, glucagon, GLP-1, glucose-dependent insulinotropic peptide, and peptide YY (PYY) secretions under nonfasting conditions in rats, induced GLP-1 secretion, food intake inhibition, and body weight reduction in mice. SCO-267 effectively stimulated insulin secretion and GLP-1 release and ameliorated glucose tolerance in diabetic rats via GPR40 full agonism.

## References

- Hikaru Ueno, et al. *J Pharmacol Exp Ther*. 2019 Aug;370(2):172-181.  
Hideki Furukawa, et al. *J Med Chem*. 2020 Sep 24;63(18):10352-10379.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com