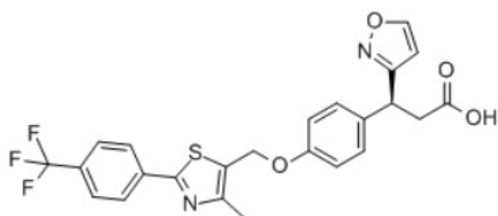


Product Name: AM-4668
Cat. No.: GC34464

Cas. No.	1011531-27-3		
SMILES	<chem>OC(C[C@H](C1=NOC=C1)C(C=C2)=CC=C2OCC(S3)=C(C)N=C3C4=CC=C(C(F)(F)F)C=C4)=O</chem>		
Formula	C ₂₄ H ₁₉ F ₃ N ₂ O ₄ S	M.Wt	488.48
Solubility	Soluble in DMSO	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			



AM-4668 is a GPR40 agonist for type 2 diabetes. EC50s of 3.6 nM and 36 nM for GPR40 in A9 cells (GPR40 IP3 assay) and CHO cells (GPR40 aequorin assay), respectively[1]. EC50: 3.6 nM (GPR40, in A9 cells), 36 nM (GPR40, in CHO cells)[1]

[1]. Liu JJ, et al. Optimization of GPR40 Agonists for Type 2 Diabetes. ACS Med Chem Lett. 2014 Feb 6;5(5):517-21.

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

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Product Data Sheet

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