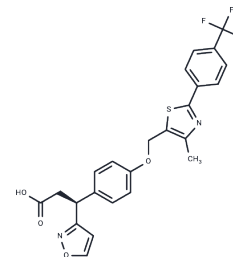


AM-4668

Chemical Properties

CAS No. : 1011531-27-3
Formula: C₂₄H₁₉F₃N₂O₄S
Molecular Weight: 488.48
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	AM-4668 is a type 2 diabetes GPR40 agonist. For GPR40, in A9 cells (GPR40 IP3 assay) and CHO cells (GPR40 aequorin assay), the EC ₅₀ s are 3.6 nM and 36 nM, respectively.
Targets(IC ₅₀)	GPR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0472 mL	10.2358 mL	20.4717 mL
5 mM	0.4094 mL	2.0472 mL	4.0943 mL
10 mM	0.2047 mL	1.0236 mL	2.0472 mL
50 mM	0.0409 mL	0.2047 mL	0.4094 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481