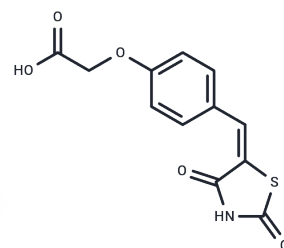


GPR35 agonist 3

Chemical Properties

CAS No. :	123021-85-2
Formula:	C ₁₂ H ₉ NO ₅ S
Molecular Weight:	279.27
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	GPR35 agonist 3 is a synthetic GPR35 agonist with an EC ₅₀ value of 1.4 µg in the β-arrestin recruitment assay. GPR35 agonist 3 is used in the study of cancer, type 2 diabetes, and cardiovascular disease.
Targets(IC ₅₀)	Arrestin, GPCR

Solubility Information

Solubility	DMSO: 100 mg/mL (358.08 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5808 mL	17.9038 mL	35.8076 mL
5 mM	0.7162 mL	3.5808 mL	7.1615 mL
10 mM	0.3581 mL	1.7904 mL	3.5808 mL
50 mM	0.0716 mL	0.3581 mL	0.7162 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Thimm D, Funke M, Meyer A, Müller CE. 6-Bromo-8-(4-[(3H)methoxybenzamido]-4-oxo-4H-chromene-2-carboxylic Acid: a powerful tool for studying orphan G protein-coupled receptor GPR35. J Med Chem. 2013 Sep 12;56(17):7084-99.

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:34 Washington Street,Wellesley Hills,MA 02481