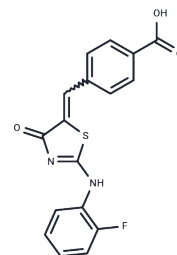


GPR35 agonist 2

Chemical Properties

CAS No. :	494191-73-0
Formula:	C17H11FN2O3S
Molecular Weight:	342.34
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	GPR35 agonist 2 (TC-G 1001) is a potent GPR35 agonist. The EC ₅₀ values of GPR35 agonist 2 in the β -arrestin and Ca ²⁺ release assays were 26 and 3.2 nM, respectively.
Targets(IC ₅₀)	GPR, Arrestin

Solubility Information

Solubility	DMSO: 22.5 mg/mL (65.7 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9211 mL	14.6054 mL	29.2107 mL
5 mM	0.5842 mL	2.9211 mL	5.8421 mL
10 mM	0.2921 mL	1.4605 mL	2.9211 mL
50 mM	0.0584 mL	0.2921 mL	0.5842 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

Thimm D, et al. 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;56(17):7084-7099.

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