

Product Data Sheet

Product Name: GPR35 agonist 3

Cat. No.: GC70651

Chemical Properties

Cas. No. 123021-85-2

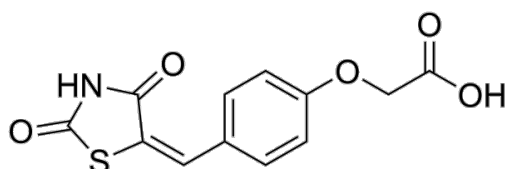
Formula $C_{12}H_9NO_5S$ M.Wt 279.27

Solubility DMSO : 125 mg/mL (447.60 mM; Storage 4°C, protect from light
Need ultrasonic; Hygroscopic DMSO
has a significant impact on the
solubility of product, please use
newly opened DMSO)

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



Background

GPR35 agonist 3 is a synthetic GPR35 agonist with an EC₅₀ value of 1.4 μM. GPR35 agonist 3 can be used for the research of various diseases, such as gastric cancer, type 2 diabetes, cardiovascular diseases, immune system and peripheral nervous system.

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

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GPR35 agonist 3 shows GPR35 agonist potency with an EC₅₀ value of 1.4 μM^[1].

GPR35 agonist 3 has affinity and potency for GPR35 with values of 0.0508 μM (K_i) and 0.349 μM (IC₅₀)^[1].

References:

[1]. Dominik Thimm, et al. 6-Bromo-8-(4-[(3)H]methoxybenzamido)-4-oxo-4H-chromene-2-carboxylic Acid: a powerful tool for studying orphan G protein-coupled receptor GPR35. J Med Chem

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