
Product Data Sheet

Product Name: P2Y2R/GPR17 antagonist 1

Cat. No.: GC67795

Chemical Properties

Cas. No. 2395016-49-4

Formula $C_{19}H_{13}ClN_2O_6S$

M.Wt 432.83

Solubility DMSO : 125 mg/mL (288.80 mM; Need ultrasonic) 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

Background

P2Y2R/GPR17 antagonist 1 (Compound 14m) is a dual **P2Y₂R** and **GPR17** antagonist with **IC₅₀** values of 3.17 μM and 1.67 μM against P2Y₂R and GPR17, respectively.

P2Y2R/GPR17 antagonist 1 shows excellent metabolic stability in human liver microsomes^[1].

[1]. Pillaiyar T, et al. Design, synthesis and biological evaluation of suramin-derived dual antagonists of the proinflammatory G protein-coupled receptors P2Y₂ and GPR17. Eur J Med Chem. 2020 Jan 15;186:111789.

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

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