
Product Data Sheet

Product Name: GPR35 agonist 1

Cat. No.: GC36184

Chemical Properties

Cas. No. 2079880-92-3

SMILES O=C1OC2=C([N+])([O-])=O)C(O)=C(Br)C=C2C=C1C3=NN=NN3

Formula C10H4BrN5O5 M.Wt 354.07

Solubility DMSO : 50 mg/mL (141.22 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

GPR35 agonist 1 (compound 50) is a potent and specific G protein-coupled receptor-35 (GPR35)/CXCR8 agonist with an EC₅₀ of 5.8 nM, displays good druggability[1].

CXCR8|5.8 nM (EC₅₀)

[1]. Wei L, et al. Discovery of 2H-Chromen-2-one Derivatives as G Protein-Coupled Receptor-35 Agonists. J Med Chem. 2017 Jan 12;60(1):362-372.

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

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