

GSK1820795A

Chemical Properties

CAS No. : 2650253-86-2
 Formula: C₃₅H₃₄N₈
 Molecular Weight: 566.70
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.

Biological Description

Description	GSK1820795A is a selective G2A/GPR132a antagonist and a telmisartan analog. GSK1820795A also exhibits angiotensin II receptor antagonist activity and partial PPAR γ agonist activity. GSK1820795A effectively blocks the activating effects of N-acylamides on yeast cells expressing hGPR132a.
Targets(IC50)	RAAS,Others,PPAR

Solubility Information

Solubility	DMSO: 80 mg/mL (141.17 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	1.7646 mL	8.823 mL	17.646 mL
5 mM	0.3529 mL	1.7646 mL	3.5292 mL
10 mM	0.1765 mL	0.8823 mL	1.7646 mL
50 mM	0.0353 mL	0.1765 mL	0.3529 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

- Foster JR, et al. N-Palmitoylglycine and other N-acylamides activate the lipid receptor G2A/GPR132. *Pharmacol Res Perspect.* 2019;7(6):e00542.
- Lamotte Y, Faucher N, Sançon J, et al. Discovery of novel indazole derivatives as dual angiotensin II antagonists and partial PPAR γ agonists. *Bioorg Med Chem Lett.* 2014;24(4):1098-1103.

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