
Product Data Sheet

Product Name: GSK1820795A

Cat. No.: GC69192

Chemical Properties

Cas. No. 2650253-86-2

Formula C₃₅H₃₄N₈

M.Wt 566.7

Solubility DMSO : 100 mg/mL (176.46 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

GSK1820795A, as a telmisartan analog, is a selective **hGPR132a** antagonist. GSK1820795A blocks activation of yeast cells expressing **hGPR132a** by N-acylamides^[1]. GSK1820795A is also a **angiotensin II antagonists** and partial **PPAR γ** agonists (compound 38)^[2].

GSK1820795A blocks responses of yeast expressing hGPR132a to agonists NPGly, NLGly, linoleamide, and SB-583831^[1].

[1]. Foster JR, et al. N-Palmitoylglycine and other N-acylamides activate the lipid receptor G2A/GPR132. Pharmacol Res Perspect. 2019;7(6):e00542.

[2]. 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.

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

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