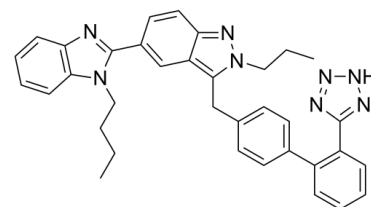


Data Sheet

Product Name:	GSK1820795A
Cat. No.:	CS-0088640
CAS No.:	2650253-86-2
Molecular Formula:	C ₃₅ H ₃₄ N ₈
Molecular Weight:	566.70
Target:	Angiotensin Receptor; PPAR
Pathway:	Cell Cycle/DNA Damage; GPCR/G Protein; Vitamin D Related/Nuclear Receptor
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

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]. IC₅₀ & Target:hGPR132a^[1] *In Vitro*: GSK1820795A blocks responses of yeast expressing hGPR132a to agonists NPGly, NLGly, linoleamide, and SB-583831^[1].

References:

- [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.

CAIndexNames:

2H-Indazole, 5-(1-butyl-1H-benzimidazol-2-yl)-2-propyl-3-[[2'-(2H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-

SMILES:

CCCCN1C(CC2=CC=C(C3=C(C4=NNN=N4)C=CC=C3)C=C2)=C5C(C=CC(C6=NC(C=CC=C7)=C7N6CCCC)=C5)=N1

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

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