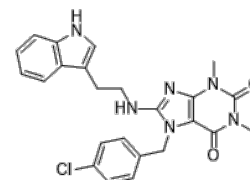


Product Name : PSB-KK1415
Cat. No. : PC-21097
CAS No. : 885896-26-4
Molecular Formula : C₂₄H₂₃ClN₆O₂
Molecular Weight : 462.94
Target : Cannabinoid Receptor
Solubility : 10 mM in DMSO



CAS: 885896-26-4

Biological Activity

PSB-KK1415 is a selective **GPR18** agonist with EC₅₀ of 19.1 nM (**hGPR18**) in β-arrestin recruitment assays, shows no activity against GPR55.

PSB-KK1415 displays >25-fold selectivity versus CB receptors, and shows minimal species differences.

PSB-KK1415 exerts potent anti-inflammatory and anti-nociceptive activities in animal models of intestinal inflammation and inflammatory pain.

References

- Fabisiak A, et al. *Neurogastroenterol Motil.* 2021 Mar;33(3):e14003.
- Andhika B Mahardhika, et al. *J Med Chem.* 2024 Jun 17. doi: 10.1021/acs.jmedchem.3c02423.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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