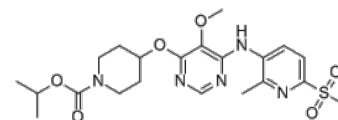


Product Name : APD597
Cat. No. : PC-20429
CAS No. : 897732-93-3
Molecular Formula : C₂₁H₂₉N₅O₆S
Molecular Weight : 479.55
Target : GPR119
Solubility : 10 mM in DMSO



Biological Activity

APD597 (JNJ-38431055) is a potent, selective GPR119 agonist with EC₅₀ of 46 nM and 421 nM for human and rat GPR119, respectively.

APD597 showed no significant activity in a standard CEREP receptor selectivity panel at 1 μM.

APD597 (3-30 mg/kg PO) improved glucose handling and markedly reduced the AUC_{glu} in an oGTT in male C57bl/6j mice.

References

Semple G, et al. Bioorg Med Chem Lett. 2012 Feb 15;22(4):1750-5.

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

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