

Product Name	: APD597
Synonyms	: APD597; APD-597; APD 597; JNJ-38431055
Cat No.	: M17648
CAS Number	: 897732-93-3
Molecular Formula	: C ₂₁ H ₂₉ N ₅ O ₆ S
Formula Weight	: 479.55
Chemical Name	: isopropyl 4-((5-methoxy-6-((2-methyl-6-(methylsulfonyl)pyridin-3-yl)amino)pyrimidin-4-yl)oxy)piperidine-1-carboxylate
Description	: APD597, also known as JNJ-38431055, is a potent and selective GPR119 agonist, which is potential useful for the treatment of type 2 diabetes. GPR119 agonists mediate a unique nutrient-dependent dual elevation of both insulin and glucagon like peptide 1/glucose-dependent insulintropic peptide levels in vivo.
Pathway	: Proteasome/Ubiquitin
Target	: Serine Protease
Receptor	: GPR119
Solubility	: DMSO : ≥ 19 mg/mL; 39.62 mM
SMILES	: <chem>Cc1c(ccc(n1)S(=O)(=O)C)Nc1c(c(ncn1)OC1CCN(CC1)C(=O)OC(C)C)OC</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Buzard DJ, et al. Bioorg Med Chem Lett. 2014 Sep 1;24(17):4332-5.