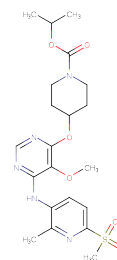


APD597

Chemical Properties

CAS No. : 897732-93-3
Formula: C₂₁H₂₉N₅O₆S
Molecular Weight: 479.55
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	APD597 (JNJ-38431055) is a GPR119 agonist, used in the treatment of type 2 diabetes.
Targets(IC50)	GPR

Solubility Information

Solubility	DMSO: 60 mg/mL (125.12 mM), $\leq 1\text{ mg/ml}$ refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0853 mL	10.4264 mL	20.8529 mL
5 mM	0.4171 mL	2.0853 mL	4.1706 mL
10 mM	0.2085 mL	1.0426 mL	2.0853 mL
50 mM	0.0417 mL	0.2085 mL	0.4171 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

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

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