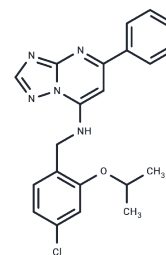


AF64394

Chemical Properties

CAS No. : 1637300-25-4
Formula: C₂₁H₂₀ClN₅O
Molecular Weight: 393.87
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	AF64394 is a selective inverse agonist of GPR3(pIC ₅₀ : 7.3)
Targets(IC ₅₀)	GPR

Solubility Information

Solubility	DMSO: 125 mg/mL (317.36 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5389 mL	12.6945 mL	25.3891 mL
5 mM	0.5078 mL	2.5389 mL	5.0778 mL
10 mM	0.2539 mL	1.2695 mL	2.5389 mL
50 mM	0.0508 mL	0.2539 mL	0.5078 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

Jensen T, et al. The identification of GPR3 inverse agonist AF64394; the first small molecule inhibitor of GPR3 receptor function. Bioorg Med Chem Lett. 2014 Nov 15;24(22):5195-8.

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