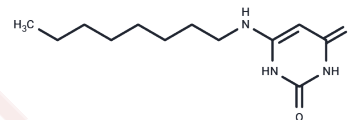


6-OAU

Chemical Properties

CAS No. : 83797-69-7
 Formula: C₁₂H₂₁N₃O₂
 Molecular Weight: 239.31
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	6-OAU (GTPL5846)(GTPL5846; 6-n-octylaminouracil) is a surrogate agonist of GPR84; activates human GPR84 in the presence of Gqi5 chimera in HEK293 cells with an EC ₅₀ of 105 nM in the PI assay.
Targets(IC ₅₀)	GPCR

Solubility Information

Solubility	DMSO: 55 mg/mL (229.83 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1787 mL	20.8934 mL	41.7868 mL
5 mM	0.8357 mL	4.1787 mL	8.3574 mL
10 mM	0.4179 mL	2.0893 mL	4.1787 mL
50 mM	0.0836 mL	0.4179 mL	0.8357 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

Suzuki M, et al. J Biol Chem. 2013 Apr 12;288(15): 10684-91.

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