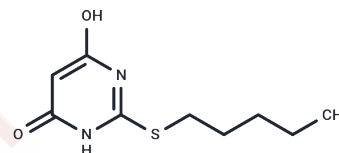


2-(pentylsulfanyl)pyrimidine-4,6-diol

Chemical Properties

CAS No. : 489403-70-5
 Formula: C₉H₁₄N₂O₂S
 Molecular Weight: 214.28
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-(pentylsulfanyl)pyrimidine-4,6-diol is a novel GRP84 agonist.
Targets(IC50)	GPCR

Solubility Information

Solubility	DMSO: 5 mg/mL (23.33 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	4.6668 mL	23.334 mL	46.6679 mL
5 mM	0.9334 mL	4.6668 mL	9.3336 mL
10 mM	0.4667 mL	2.3334 mL	4.6668 mL
50 mM	0.0933 mL	0.4667 mL	0.9334 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Liu Y, et al. Design and Synthesis of 2-Alkylpyrimidine-4,6-diol and 6-Alkylpyridine-2,4-diol as Potent GPR84 Agonists. ACS Med Chem Lett. 2016 Mar 30;7(6):579-83.

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