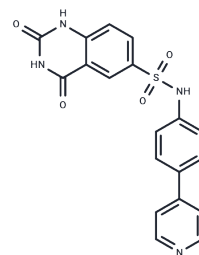


ARN19874

Chemical Properties

CAS No. : 2190502-57-7
 Formula: C₁₉H₁₄N₄O₄S
 Molecular Weight: 394.4
 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	ARN19874 is a selective, reversible uncompetitive inhibitor of N-acylphosphatidylethanolamine phospholipase D (NAPE-PLD) activity, with an IC ₅₀ of approximately 34 μM[1].
Targets(IC ₅₀)	Others,Phospholipase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5355 mL	12.6775 mL	25.355 mL
5 mM	0.5071 mL	2.5355 mL	5.071 mL
10 mM	0.2535 mL	1.2677 mL	2.5355 mL
50 mM	0.0507 mL	0.2535 mL	0.5071 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

Castellani B, et al. Synthesis and characterization of the first inhibitor of N-acylphosphatidylethanolamine phospholipase D (NAPE-PLD). Chem Commun (Camb). 2017 Nov 28;53(95):12814-12817.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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