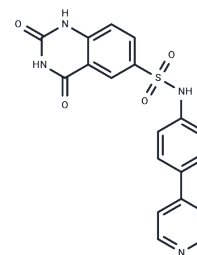


ARN19874

Chemical Properties

CAS No. : 2190502-57-7
Formula: C₁₉H₁₄N₄O₄S
Molecular Weight: 394.4
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ARN19874 is a selective, reversible uncompetitive N-acylphosphatidylethanolamine phospholipase D (NAPE-PLD) activity inhibitor. With an IC ₅₀ of ~34 μM[1].
Targets(IC ₅₀)	Others

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.

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.

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