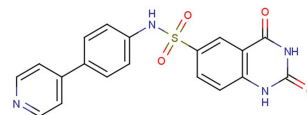


ARN19874

Chemical Properties

CAS No.:	2190502-57-7
Formula:	C ₁₉ H ₁₄ N ₄ O ₄ S
Molecular Weight:	394.4
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



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)	NAPE-PLD: ~34 μM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.535 mL	12.677 mL	25.355 mL
5 mM	0.507 mL	2.535 mL	5.071 mL
10 mM	0.254 mL	1.268 mL	2.535 mL
50 mM	0.051 mL	0.254 mL	0.507 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481