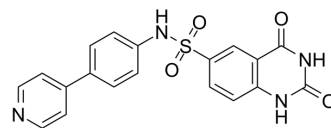


ARN19874

Cat. No.:	HY-118994		
CAS No.:	2190502-57-7		
Molecular Formula:	C ₁₉ H ₁₄ N ₄ O ₄ S		
Molecular Weight:	394.4		
Target:	Phospholipase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (316.94 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.5355 mL	12.6775 mL	25.3550 mL
5 mM	0.5071 mL	2.5355 mL	5.0710 mL
10 mM	0.2535 mL	1.2677 mL	2.5355 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

ARN19874 is a selective, reversible uncompetitive N-acylphosphatidylethanolamine phospholipase D (NAPE-PLD) activity inhibitor with an IC₅₀ of ~34 μM^[1].

IC₅₀ & Target

IC₅₀: ~34 μM (NAPE-PLD)^[1]

REFERENCES

[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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA