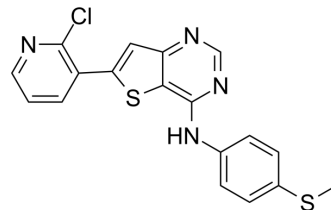


ARUK2007145

Cat. No.:	HY-149659		
Molecular Formula:	C ₁₈ H ₁₃ ClN ₄ S ₂		
Molecular Weight:	384.91		
Target:	Others		
Pathway:	Others		
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 : 100 mg/mL (259.80 mM; ultrasonic and warming and heat to 80°C)

Preparing Stock Solutions	Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.5980 mL	12.9900 mL	25.9801 mL
	5 mM	0.5196 mL	2.5980 mL	5.1960 mL
	10 mM	0.2598 mL	1.2990 mL	2.5980 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: 2.5 mg/mL (6.50 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 2.5 mg/mL (6.50 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

ARUK2007145 is potent, cell-active dual inhibitor of the PI5P4Kα and PI5P4Kγ isoforms (pIC₅₀: 7.3 and 8.1, respectively)^[1].

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

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