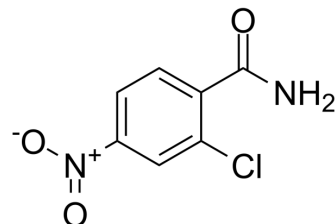


Aklomide

Cat. No.:	HY-B1094		
CAS No.:	3011-89-0		
Molecular Formula:	C ₇ H ₅ ClN ₂ O ₃		
Molecular Weight:	200.58		
Target:	Parasite		
Pathway:	Anti-infection		
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 : 250 mg/mL (1246.39 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.9855 mL	24.9277 mL	49.8554 mL
	5 mM	0.9971 mL	4.9855 mL	9.9711 mL
	10 mM	0.4986 mL	2.4928 mL	4.9855 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: ≥ 6.25 mg/mL (31.16 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 6.25 mg/mL (31.16 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 6.25 mg/mL (31.16 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Aklomide is used to fight disease, parasites and insects that infest poultry.

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

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