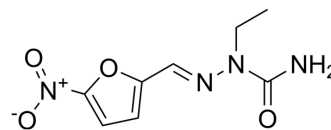


Nifursemizone

Cat. No.:	HY-101660		
CAS No.:	5579-89-5		
Molecular Formula:	C ₈ H ₁₀ N ₄ O ₄		
Molecular Weight:	226.19		
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 : 20.83 mg/mL (92.09 mM; ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	4.4211 mL	22.1053 mL	44.2106 mL
		5 mM	0.8842 mL	4.4211 mL	8.8421 mL
10 mM		0.4421 mL	2.2105 mL	4.4211 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (9.20 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Nifursemizone is an antiprotozoal agent.
IC₅₀ & Target	antiprotozoal

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

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