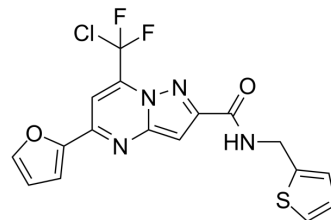


Anguizole

Cat. No.:	HY-13321		
CAS No.:	442666-98-0		
Molecular Formula:	C ₁₇ H ₁₁ ClF ₂ N ₄ O ₂ S		
Molecular Weight:	408.81		
Target:	HCV		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (122.31 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.4461 mL	12.2306 mL	24.4612 mL
	5 mM	0.4892 mL	2.4461 mL	4.8922 mL
	10 mM	0.2446 mL	1.2231 mL	2.4461 mL

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

In Vivo

1. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (6.12 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Anguizole is a small molecule inhibitor of HCV replication and alters NS4B's subcellular distribution. IC50 Value: Target: HCV

CUSTOMER VALIDATION

- Arch Virol. 2014 May;159(5):831-46.
- Atta-ur-Rahman School of Applied Biosciences. National University of Sciences & Technology. Islamabad, Pakistan. 2015.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Bryson, Paul D. et al. A small molecule inhibits HCV replication and alters NS4B's subcellular distribution Antiviral Research (2010), 87(1), 1-8.
- [2]. Cho, Nam-Joon et al. Identification of a class of HCV inhibitors directed against the nonstructural protein NS4B. Science Translational Medicine (2010), 2(15), No pp. given.
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Caution: Product has not been fully validated for medical applications. For research use only.

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