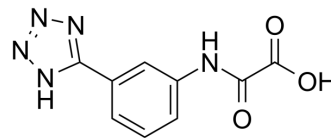


Acitazanolast

Cat. No.:	HY-13218		
CAS No.:	114607-46-4		
Molecular Formula:	C ₉ H ₇ N ₅ O ₃		
Molecular Weight:	233.18		
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 : 35.71 mg/mL (153.14 mM; ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	4.2885 mL	21.4427 mL	42.8853 mL
		5 mM	0.8577 mL	4.2885 mL	8.5771 mL
10 mM		0.4289 mL	2.1443 mL	4.2885 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (8.92 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Acitazanolast is an orally active antiallergic agent, can inhibit histamine release. Acitazanolast can be used in study of type I anaphylaxis (immediate) caused by IgE antibodies ^[1] .
-------------	---

REFERENCES

- [1]. Kamei C, et al. Effect of an active metabolite of the antiallergic agent tazanolast on histamine release from rat mast cells. *Arzneimittelforschung*. 1997 Apr;47(4):390-4.
- [2]. Kamei C, et al. Effect of an active metabolite of the antiallergic agent tazanolast on histamine release from rat mast cells. *Arzneimittelforschung*. 1997 Apr;47(4):390-4.

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