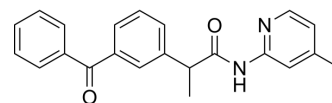


Piketoprofen

Cat. No.:	HY-108297		
CAS No.:	60576-13-8		
Molecular Formula:	C ₂₂ H ₂₀ N ₂ O ₂		
Molecular Weight:	344.41		
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 (290.35 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.9035 mL	14.5176 mL	29.0352 mL
		5 mM	0.5807 mL	2.9035 mL	5.8070 mL
10 mM		0.2904 mL	1.4518 mL	2.9035 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: 2.5 mg/mL (7.26 mM); Clear solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (7.26 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	Piketoprofen is a non-steroidal anti-inflammatory reagent that can be used as a cream preparation for the study of soft tissue rheumatism ^[1] .
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REFERENCES

[1]. Burgos A, et al. Double-blind, double-dummy comparative study of local action transcutaneous flurbiprofen (flurbiprofen LAT) versus piketoprofen cream in the treatment of extra-articular rheumatism[J]. Clinical Drug Investigation, 2001, 21: 95-102.

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

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