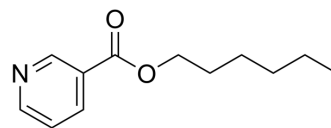


## Hexyl nicotinate

Cat. No.:	HY-121660		
CAS No.:	23597-82-2		
Molecular Formula:	C <sub>12</sub> H <sub>17</sub> NO <sub>2</sub>		
Molecular Weight:	207.27		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-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 (482.46 mM; ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	4.8246 mL	24.1231 mL	48.2462 mL
		5 mM	0.9649 mL	4.8246 mL	9.6493 mL
10 mM		0.4825 mL	2.4123 mL	4.8246 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: ≥ 2.5 mg/mL (12.06 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	Hexyl nicotinate, a nicotinic acid ester with vasodilatory effect. Hexyl nicotinate improves blood circulation, usually serves as an active ingredient in topical preparations, such as creams and lotions <sup>[1]</sup> .
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### REFERENCES

[1]. Dowd PM, et al. Hexyl-nicotinate-induced vasodilation in normal human skin. *Dermatologica*. 1987;174(5):239-43.

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**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](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA