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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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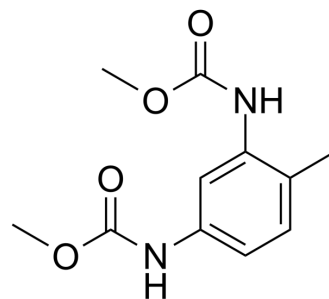
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Obtucarbamate A

Cat. No.:	HY-N3163		
CAS No.:	6935-99-5		
Molecular Formula:	C ₁₁ H ₁₄ N ₂ O ₄		
Molecular Weight:	238.24		
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 : 250 mg/mL (1049.36 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.1974 mL	20.9872 mL	41.9745 mL
	5 mM	0.8395 mL	4.1974 mL	8.3949 mL
	10 mM	0.4197 mL	2.0987 mL	4.1974 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (8.73 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (8.73 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (8.73 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Obtucarbamate A isolated from *Disporum cantoniense* has antitussive activity^[1].

REFERENCES

[1]. Gan XH, et al. [Antitussive constituents of *Disporum cantoniense*]. *Zhongguo Zhong Yao Za Zhi*. 2013 Dec;38(23):4099-103.

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

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