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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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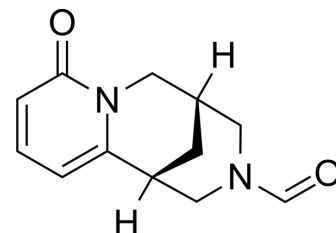
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N-Formylcytisine

Cat. No.:	HY-N7625		
CAS No.:	53007-06-0		
Molecular Formula:	C ₁₂ H ₁₄ N ₂ O ₂		
Molecular Weight:	218.25		
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 (458.19 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.5819 mL	22.9095 mL	45.8190 mL
	5 mM	0.9164 mL	4.5819 mL	9.1638 mL
	10 mM	0.4582 mL	2.2910 mL	4.5819 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: ≥ 2.5 mg/mL (11.45 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (11.45 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (11.45 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

N-Formylcytisine is a cytosine-type alkaloid from the stem bark of *Maackia amurensis*^[1].

REFERENCES

- [1]. Xiong Li, et al. A new cytosine-type alkaloid from the stem bark of *Maackia amurensis*. *Nat Prod Res.* 2010 Oct;24(16):1499-502.

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

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