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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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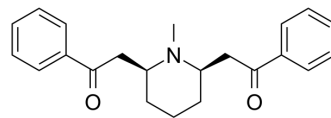
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Lobelanine

Cat. No.:	HY-N8505
CAS No.:	579-21-5
Molecular Formula:	C ₂₂ H ₂₅ NO ₂
Molecular Weight:	335.44
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 5.56 mg/mL (16.58 mM); ultrasonic and warming and heat to 60°C				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.9812 mL	14.9058 mL	29.8116 mL
		5 mM	0.5962 mL	2.9812 mL	5.9623 mL
		10 mM	0.2981 mL	1.4906 mL	2.9812 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: ≥ 0.56 mg/mL (1.67 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.56 mg/mL (1.67 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 0.56 mg/mL (1.67 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Lobelanine (8,10-Diphenyllobelidione) is a chemical precursor for the biosynthesis of Lobeline. Lobeline is a partial nicotinic agonist and is used as a smoking cessation agent ^{[1][2]} .
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REFERENCES

[1]. Stead LF, et al. Lobeline for smoking cessation. Cochrane Database Syst Rev. 2012;2012(2):CD000124. Published 2012 Feb 15.

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

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