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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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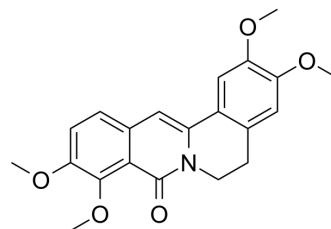
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Oxypalmatine

Cat. No.:	HY-N7498
CAS No.:	19716-59-7
Molecular Formula:	C ₂₁ H ₂₁ NO ₅
Molecular Weight:	367.4
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 33.33 mg/mL (90.72 mM); ultrasonic and warming and heat to 60°C																													
	Preparing Stock Solutions	<table border="1"> <thead> <tr> <th>Solvent</th> <th>Mass</th> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>Concentration</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1 mM</td> <td></td> <td>2.7218 mL</td> <td>13.6091 mL</td> <td>27.2183 mL</td> </tr> <tr> <td>5 mM</td> <td></td> <td>0.5444 mL</td> <td>2.7218 mL</td> <td>5.4437 mL</td> </tr> <tr> <td>10 mM</td> <td></td> <td>0.2722 mL</td> <td>1.3609 mL</td> <td>2.7218 mL</td> </tr> </tbody> </table>	Solvent	Mass	1 mg	5 mg	10 mg	Concentration					1 mM		2.7218 mL	13.6091 mL	27.2183 mL	5 mM		0.5444 mL	2.7218 mL	5.4437 mL	10 mM		0.2722 mL	1.3609 mL	2.7218 mL			
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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: ≥ 1.25 mg/mL (3.40 mM); Clear solution																													

BIOLOGICAL ACTIVITY

Description	Oxypalmatine is isolated from Phellodendron amurense ^[1] .
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REFERENCES

[1]. Min YD, et al. Isolation of limonoids and alkaloids from Phellodendron amurense and their multidrug resistance (MDR) reversal activity. Arch Pharm Res. 2007;30(1):58-63.

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

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