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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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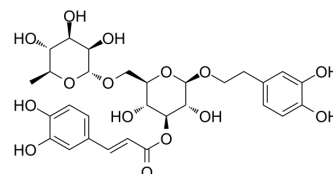
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Forsythoside I

Cat. No.:	HY-N5042
CAS No.:	1177581-50-8
Molecular Formula:	C ₂₉ H ₃₆ O ₁₅
Molecular Weight:	624.59
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 : 100 mg/mL (160.11 mM; Need ultrasonic)				
	Preparing Stock Solutions	Mass	1 mg	5 mg	10 mg
		Solvent			
		Concentration			
		1 mM	1.6011 mL	8.0053 mL	16.0105 mL
In Vivo		5 mM	0.3202 mL	1.6011 mL	3.2021 mL
		10 mM	0.1601 mL	0.8005 mL	1.6011 mL
		Please refer to the solubility information to select the appropriate solvent.			
		1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (4.00 mM); Clear solution			
		2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (4.00 mM); Clear solution			
		3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.00 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	Forsythoside I, a caffeoyl phenylethanoid glycoside (CPG) isolated from the fruits of Forsythia suspense (Thunb.) Vahl, may possess anti-inflammatory activities ^[1] .
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REFERENCES

[1]. Wang FN, et al. New phenylethanoid glycosides from the fruits of forsythia suspense (thunb.) vahl. Molecules. 2009 Mar 25;14(3):1324-31.

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

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