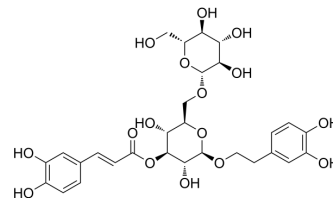


Isolugrandoside

Cat. No.:	HY-N12084
CAS No.:	221660-27-1
Molecular Formula:	C ₂₉ H ₃₆ O ₁₆
Molecular Weight:	640.59
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 : 50 mg/mL (78.05 mM; Need ultrasonic)				
	Preparing Stock Solutions	<div>Solvent Mass Concentration</div>	1 mg	5 mg	10 mg
		1 mM	1.5611 mL	7.8053 mL	15.6106 mL
		5 mM	0.3122 mL	1.5611 mL	3.1221 mL
		10 mM	0.1561 mL	0.7805 mL	1.5611 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: ≥ 1.25 mg/mL (1.95 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (1.95 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Isolugrandoside is a nature product. Isolugrandoside can be isolated from Digitalis davisiana Heywood ^[1] .
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REFERENCES

[1]. Kutluay VM, et al. Cytotoxic phenylethanoid glycosides from Digitalis davisiana Heywood: Evaluation of structure activity relationships and chemotaxonomical significance of isolated compounds. Fitoterapia. 2019 Jun;135:90-98.

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

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