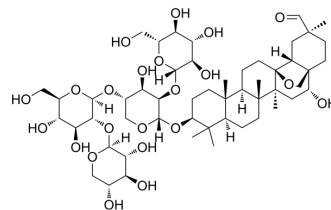


Ardisiacrispin A

Cat. No.:	HY-N0206
CAS No.:	23643-61-0
Molecular Formula:	C ₅₂ H ₈₄ O ₂₂
Molecular Weight:	1061.21
Target:	Antibiotic
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (94.23 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent \ Mass \ Concentration	1 mg	5 mg	10 mg
		1 mM	0.9423 mL	4.7116 mL	9.4232 mL
		5 mM	0.1885 mL	0.9423 mL	1.8846 mL
		10 mM	0.0942 mL	0.4712 mL	0.9423 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (2.36 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (2.36 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.36 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	Ardisiacrispin A (Deglucocyclamin) is a common triterpenoid saponin from Ardisia species. Ardisiacrispin A has similar biological properties with some triterpenoid saponins in <i>A. crenata</i> which is one of the species of genus <i>Ardisia</i> and exhibits cytotoxic effect on tumor cells, immunomodulatory and antiviral activities ^[1] .
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REFERENCES

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

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