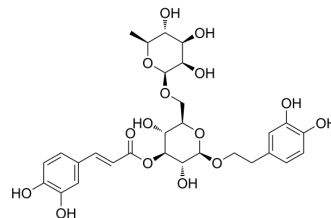


Isoforsythiaside

Cat. No.:	HY-N2594
CAS No.:	1357910-26-9
Molecular Formula:	C ₂₉ H ₃₆ O ₁₅
Molecular Weight:	624.59
Target:	Bacterial
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 (160.11 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		1.6011 mL	8.0053 mL	16.0105 mL
		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.						
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 (4.00 mM); Clear solution 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 Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.00 mM); Clear solution 					

BIOLOGICAL ACTIVITY

Description	Isoforsythiaside is an antioxidant and antibacterial phenylethanoid glycoside with MICs of 40.83, 40.83, and 81.66 µg/mL for Escherichia coli(E. coli), Pseudomonas aeruginosa(PAO), and Staphylococcus aureus (SA), respectively ^[1] .
In Vitro	Isoforsythiaside is a glycoside isomer of Forsythiaside ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA