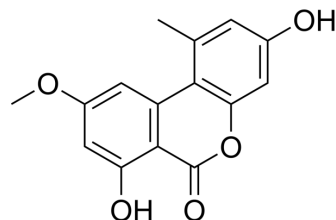


Djalonensone

Cat. No.:	HY-W013863
CAS No.:	23452-05-3
Molecular Formula:	C ₁₅ H ₁₂ O ₅
Molecular Weight:	272.26
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 5 mg/mL (18.36 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.6730 mL	18.3648 mL	36.7296 mL
	5 mM	0.7346 mL	3.6730 mL	7.3459 mL
	10 mM	0.3673 mL	1.8365 mL	3.6730 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Djalonensone, isolated from the roots of *Anthocleista djalonensis* (Loganiaceae), is an important taxonomic marker of the plant species^[1].

REFERENCES

[1]. Ziling Mao, et al. Natural dibenzo- α -pyrones and their bioactivities. *Molecules*. 2014 Apr 22;19(4):5088-108.

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

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