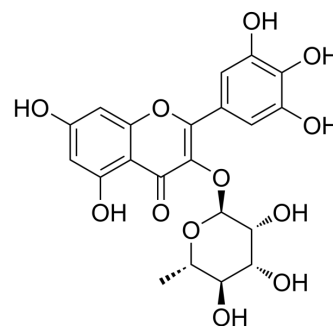


Myricitrin

Cat. No.:	HY-N0152
CAS No.:	17912-87-7
Molecular Formula:	C ₂₁ H ₂₀ O ₁₂
Molecular Weight:	464.38
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 (215.34 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	2.1534 mL	10.7670 mL	21.5341 mL
			5 mM	0.4307 mL	2.1534 mL	4.3068 mL
10 mM	0.2153 mL	1.0767 mL	2.1534 mL			
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.38 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Myricitrin is a major antioxidant flavonoid ^[1] .
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REFERENCES

[1]. Hwang IW, et al. Isolation and Identification of Myricitrin, an Antioxidant Flavonoid, from Daebong Persimmon Peel. *Prev Nutr Food Sci.* 2018 Dec;23(4):341-346.

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

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