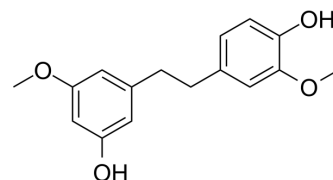


Gigantol

Cat. No.:	HY-N10549		
CAS No.:	83088-28-2		
Molecular Formula:	C ₁₆ H ₁₈ O ₄		
Molecular Weight:	274.31		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (182.28 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.6455 mL	18.2276 mL	36.4551 mL
	5 mM		0.7291 mL	3.6455 mL	7.2910 mL
	10 mM		0.3646 mL	1.8228 mL	3.6455 mL

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

BIOLOGICAL ACTIVITY

Description

Gigantol is a natural product that could be isolated from *Cymbidium giganteum*. Gigantol is a potent inhibitor of the spontaneous contractions of the guinea-pig ileum^[1].

REFERENCES

[1]. R.K. Juneja, et, al. A substituted 1,2-diarylethane from *Cymbidium giganteum*. *Phytochemistry*. 1985 Feb 5;24(2): 321-4.

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

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