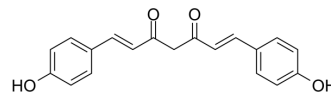


Bisdemethoxycurmin

Cat. No.:	HY-N0007A		
CAS No.:	24939-16-0		
Molecular Formula:	C ₁₉ H ₁₆ O ₄		
Molecular Weight:	308.33		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 66.67 mg/mL (216.23 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.2433 mL	16.2164 mL	32.4328 mL
	5 mM	0.6487 mL	3.2433 mL	6.4866 mL
	10 mM	0.3243 mL	1.6216 mL	3.2433 mL

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

BIOLOGICAL ACTIVITY

Description

Bisdemethoxycurmin (Curcumin III), a curcuminoid, has antioxidant and antiinflammatory activities^{[1][2]}.

REFERENCES

[1]. M Kuroyanagi, et al. [Some observation on curcuminoids from Zingiberaceae plants]. Yakugaku Zasshi. 1970 Nov;90(11):1467-70.

[2]. Toshiya Masuda, et al. Antioxidative and Antiinflammatory Compounds from Tropical Gingers: Isolation, Structure Determination, and Activities of Cassumunins A, B, and C, New Complex Curcuminoids from Zingiber cassumunar. J. Agric. Food Chem. 1994, 42, 9,

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

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