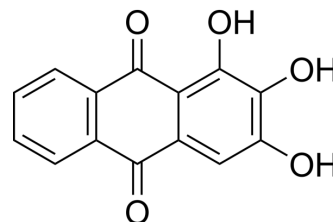


Anthragalol

Cat. No.:	HY-119840		
CAS No.:	602-64-2		
Molecular Formula:	C ₁₄ H ₈ O ₅		
Molecular Weight:	256.21		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 20 mg/mL (78.06 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.9030 mL	19.5152 mL	39.0305 mL
5 mM	0.7806 mL	3.9030 mL	7.8061 mL
10 mM	0.3903 mL	1.9515 mL	3.9030 mL

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

BIOLOGICAL ACTIVITY

Description

Anthragalol can insert base pairs of DNA. Anthragalol exhibits cytotoxicity by binding to DNA^[1].

REFERENCES

[1]. Gao Y, et, al. Spectroscopic studies on the interaction between anthragalol and DNA using of ethidium bromide as a fluorescence probe. Spectrochim Acta A Mol Biomol Spectrosc. 2015 Apr 15;141:239-43.

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

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