



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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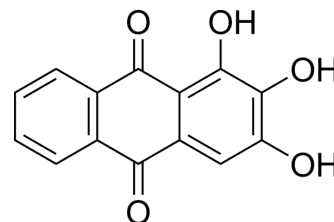
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## Anthragalol

Cat. No.:	HY-119840		
CAS No.:	602-64-2		
Molecular Formula:	C <sub>14</sub> H <sub>8</sub> O <sub>5</sub>		
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	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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<sup>[1]</sup>.

### 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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