



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



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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

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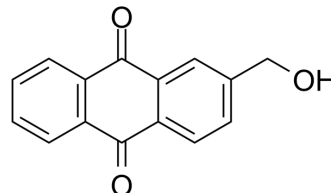
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2-(Hydroxymethyl)anthraquinone

Cat. No.:	HY-N7502		
CAS No.:	17241-59-7		
Molecular Formula:	C ₁₅ H ₁₀ O ₃		
Molecular Weight:	238.24		
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 : 100 mg/mL (419.74 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.1974 mL	20.9872 mL	41.9745 mL
	5 mM	0.8395 mL	4.1974 mL	8.3949 mL
	10 mM	0.4197 mL	2.0987 mL	4.1974 mL

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

BIOLOGICAL ACTIVITY

Description

2-(Hydroxymethyl)anthraquinone is used as a photoremovable protecting group (PRPG) to chemically cage sex pheromone (e.g. (Z)-11-hexadecen-1-ol (sex pheromone of *Chilo infuscatellus*nellen))^[1].

REFERENCES

[1]. Sanghamitra Atta, et al. Photoremovable protecting groups as controlled-release device for sex pheromone. Photochem Photobiol Sci. 2013 Feb;12(2):393-403

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

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