



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

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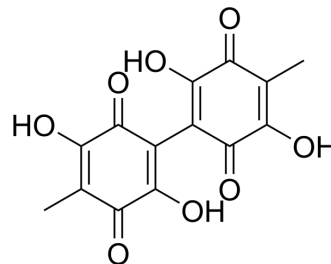
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Oosporein

Cat. No.:	HY-N7719	
CAS No.:	475-54-7	
Molecular Formula:	C ₁₄ H ₁₀ O ₈	
Molecular Weight:	306.22	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 50 mg/mL (163.28 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.2656 mL	16.3281 mL	32.6563 mL
	5 mM	0.6531 mL	3.2656 mL	6.5313 mL
	10 mM	0.3266 mL	1.6328 mL	3.2656 mL

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

BIOLOGICAL ACTIVITY

Description

Oosporein is a red crystalline metabolite produced by a toxin-producing strain of *Chaetomium trilaterale*. *Chaetomium trilaterale* is isolated from moldy Peanuts. Oosporein inhibits plant growth and produces phytotoxic effects^[1].

IC₅₀ & Target

Microbial Metabolite

REFERENCES

[1]. Cole RJ, et al. Toxic effects of oosporein from *Chaetomium trilaterale*. *J Agric Food Chem*. 1974;22(3):517-520.

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

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