



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 Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

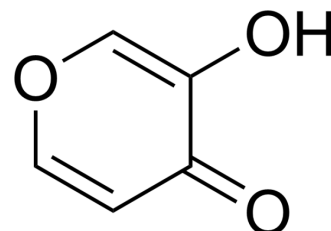
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Pyromeconic acid

Cat. No.:	HY-N1997
CAS No.:	496-63-9
Molecular Formula:	C ₅ H ₄ O ₃
Molecular Weight:	112.08
Target:	Fungal
Pathway:	Anti-infection
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 50 mg/mL (446.11 mM)

* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		8.9222 mL	44.6110 mL	89.2220 mL
	5 mM		1.7844 mL	8.9222 mL	17.8444 mL
	10 mM		0.8922 mL	4.4611 mL	8.9222 mL

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

BIOLOGICAL ACTIVITY

Description	Pyromeconic acid is an antifungal substance ^[1] .
IC ₅₀ & Target	Fungal ^[1]
In Vitro	The minimum concentration of Pyromeconic acid to show inhibition of fungal growth on silica gel-coated glass plates is 15 μg/80 mm²^[1]. Pyromeconic acid has water-soluble and siderophilic nature^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hashidoko Y. Pyromeconic acid and its glucosidic derivatives from leaves of *Erigeron annuus*, and the siderophile activity of pyromeconic acid. *Biosci Biotechnol Biochem.* 1995 May;59(5):886-90.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA