



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

Quellenstraße 110, A-1100 Wien

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

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

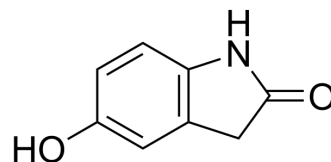
mail@szabo-scandic.com

www.szabo-scandic.com

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

5-Hydroxyoxindole

Cat. No.:	HY-W001542		
CAS No.:	3416-18-0		
Molecular Formula:	C ₈ H ₇ NO ₂		
Molecular Weight:	149.15		
Target:	Reactive Oxygen Species		
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (670.47 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	6.7047 mL	33.5233 mL	67.0466 mL
	5 mM	1.3409 mL	6.7047 mL	13.4093 mL
	10 mM	0.6705 mL	3.3523 mL	6.7047 mL

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

BIOLOGICAL ACTIVITY

Description

5-Hydroxyoxindole is a structural analog of uric acid. 5-Hydroxyoxindole has DPPH radical scavenging activities and lipid peroxidation-inhibitory activities. 5-Hydroxyoxindole can be used for the research of oxidative stress-mediated disorders^[1].

IC₅₀ & Target

DPPH^[1]

REFERENCES

[1]. Daisuke Yasuda, et al. Preparation and antioxidant/pro-oxidant activities of 3-monosubstituted 5-hydroxyoxindole derivatives.

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