



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

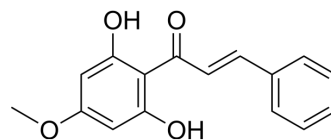
mail@szabo-scandic.com

www.szabo-scandic.com

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

Pinostrobin chalcone

Cat. No.:	HY-N3057
CAS No.:	18956-15-5
Molecular Formula:	C ₁₆ H ₁₄ O ₄
Molecular Weight:	270.28
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (369.99 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.6999 mL	18.4993 mL	36.9987 mL
		5 mM		0.7400 mL	3.6999 mL	7.3997 mL
	10 mM		0.3700 mL	1.8499 mL	3.6999 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (9.25 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Pinostrobin chalcone is found to be potent natural cytotoxic compounds against MDA-MB-231 and HT-29 colon cancer cell lines(IC ₅₀ = 20.42±2.23 and 22.51±0.42 µg/mL) ^[1] .
-------------	--

REFERENCES

[1]. Mohammed I ,et al. Isolation of cardamonin, pinostrobin chalcone from the rhizomes of Boesenbergia rotunda (L.) Mansf. and their cytotoxic effects on H-29 and MDA-MB-231 cancer cell lines[J]. The Natural Products Journal, 2019, 9(4):341-348.

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