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Produktinformation



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Diagnostik & molekulare Diagnostik



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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

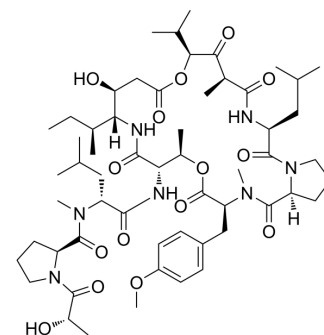
mail@szabo-scandic.com

www.szabo-scandic.com

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

Didemnin B

Cat. No.:	HY-105055
CAS No.:	77327-05-0
Molecular Formula:	C ₅₇ H ₈₉ N ₇ O ₁₅
Molecular Weight:	1112.35
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture Powder -80°C 2 years -20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (89.90 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	0.8990 mL	4.4950 mL	8.9900 mL
5 mM	0.1798 mL	0.8990 mL	1.7980 mL
10 mM	0.0899 mL	0.4495 mL	0.8990 mL

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

BIOLOGICAL ACTIVITY

Description

Didemnin B is a depsipeptide extracted from the marine tunicate *Trididemnin cyanophorum*. Didemnin B can be used for the research of cancer^[1].

In Vitro

Didemnin B has activity against miirine B16 melanoma, P388 leukemia, and M5076 sarcoma^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

In Vivo

Didemnin B is a potent inhibitor of L1210 growth^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Stewart JA, et al. A phase I clinical trial of didemnin B. *Cancer*. 1991;68(12):2550-2554.

[2]. Li LH, Timmins LG, Wallace TL, Krueger WC, Prairie MD, Im WB. Mechanism of action of didemnin B, a depsipeptide from the sea. *Cancer Lett*. 1984;23(3):279-288.

[3]. Grubb DR, Wolvetang EJ, Lawen A. Didemnin B induces cell death by apoptosis: the fastest induction of apoptosis ever described. *Biochem Biophys Res Commun.* 1995;215(3):1130-1136.

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