



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

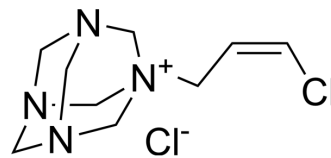
mail@szabo-scandic.com

www.szabo-scandic.com

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

Dowicil 200

Cat. No.:	HY-W009497
CAS No.:	51229-78-8
Molecular Formula:	C ₉ H ₁₆ Cl ₂ N ₄
Molecular Weight:	251.16
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro	DMSO : 15.62 mg/mL (62.19 mM); ultrasonic and warming and heat to 60°C					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		3.9815 mL	19.9076 mL	39.8153 mL
		5 mM		0.7963 mL	3.9815 mL	7.9631 mL
10 mM		0.3982 mL	1.9908 mL	3.9815 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: ≥ 1.56 mg/mL (6.21 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.56 mg/mL (6.21 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.56 mg/mL (6.21 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Dowicil 200 (Quaternium-15) is a skin toxicant and allergen, and inhibits cell growth against <i>P. imbricata</i> ^{[1][2]} .
--------------------	---

REFERENCES

[1]. Multisanti CR, et al. Short-term in vitro exposure of *Pinctada imbricata*'s haemocytes to quaternium-15: Exploring physiological and cellular responses. *Environ Toxicol Pharmacol.* 2023;101:104198.

[2]. Silverberg JI, et al. Prevalence and trend of allergen sensitization in patients with a diagnosis of stasis dermatitis referred for patch testing, North American contact dermatitis group data, 2001-2016. Arch Dermatol Res. 2022;314(9):857-867.

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