



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

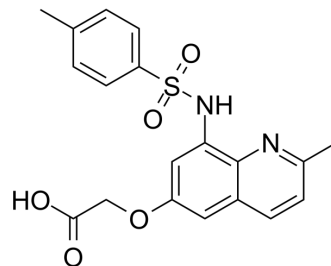
mail@szabo-scandic.com

www.szabo-scandic.com

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

Zinquin

Cat. No.:	HY-D0982
CAS No.:	151606-29-0
Molecular Formula:	C ₁₉ H ₁₈ N ₂ O ₅ S
Molecular Weight:	386.42
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (129.39 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5879 mL	12.9393 mL	25.8786 mL
	5 mM	0.5176 mL	2.5879 mL	5.1757 mL
	10 mM	0.2588 mL	1.2939 mL	2.5879 mL

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

BIOLOGICAL ACTIVITY

Description

Zinquin is a fluorescent sensor and used to observe reactive Zn²⁺. $\lambda_{ex}/\lambda_{em}=368/490$ nm.

REFERENCES

[1]. Nowakowski A, et al. Sensor specific imaging of proteomic Zn²⁺ with zinquin and TSQ after cellular exposure to N-ethylmaleimide. *Metallomics*. 2012 May;4(5):448-56.

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