



SZABO SCANDIC

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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

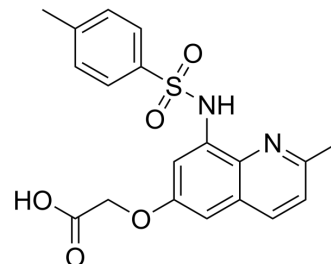
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Zinquin

Cat. No.: HY-D0982
CAS No.: 151606-29-0
Molecular Formula: C₁₉H₁₈N₂O₅S
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)

	Solvent Concentration	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