



# 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

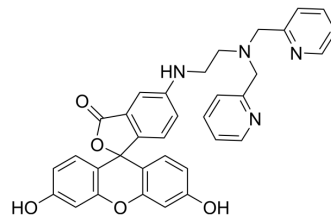
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## ZnAF-1

Cat. No.:	HY-D0156
CAS No.:	321859-09-0
Molecular Formula:	C <sub>34</sub> H <sub>28</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	572.61
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°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 : 50 mg/mL (87.32 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.7464 mL	8.7319 mL	17.4639 mL
	5 mM	0.3493 mL	1.7464 mL	3.4928 mL
	10 mM	0.1746 mL	0.8732 mL	1.7464 mL

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

### BIOLOGICAL ACTIVITY

#### Description

ZnAF-1, a fluorescein-based zinc sensor containing the N,N-bis(2-pyridylmethyl)ethylenediamine chelating unit, can be used for Zn<sup>2+</sup> detection . ZnAF-1 can bind Zn(II) with a 1 : 1 stoichiometry<sup>[1]</sup>.

### REFERENCES

[1]. Anna Staszewska, et al. Ternary complex formation and competition quench fluorescence of ZnAF family zinc sensors. Metallomics

**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