



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

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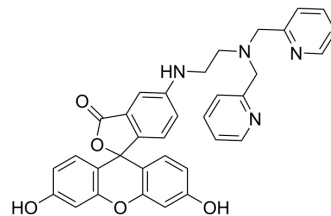
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ZnAF-1

Cat. No.:	HY-D0156
CAS No.:	321859-09-0
Molecular Formula:	C ₃₄ H ₂₈ N ₄ O ₅
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 Zn²⁺ detection. ZnAF-1 can bind Zn(II) with a 1 : 1 stoichiometry^[1].

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.

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