



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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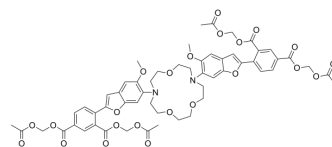
www.szabo-scandic.com

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



SBFI-AM

Cat. No.:	HY-126831
CAS No.:	129423-53-6
Molecular Formula:	C ₅₆ H ₅₈ N ₂ O ₂₃
Molecular Weight:	1127.06
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 : 6 mg/mL (5.32 mM; Need ultrasonic and warming)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		0.8873 mL	4.4363 mL	8.8726 mL
	5 mM		0.1775 mL	0.8873 mL	1.7745 mL
	10 mM		---	---	---

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

BIOLOGICAL ACTIVITY

Description

SBFI-AM is a Na⁺ selective fluorescent indicator. SBFI-AM shows selectivity for Na⁺ over K⁺[1].

CUSTOMER VALIDATION

- Adv Mater. 2023 Sep 5;e2306469.
- Clin Sci. 2023 Dec 7;CS20231039.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Minta A, et, al. Fluorescent indicators for cytosolic sodium. J Biol Chem. 1989 Nov 15;264(32):19449-57.

Caution: Product has not been fully validated for medical applications. For research use only.

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