



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

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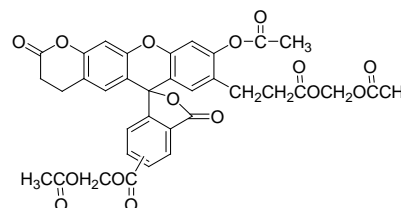
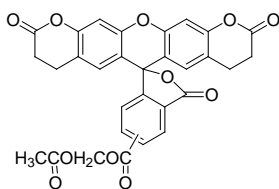
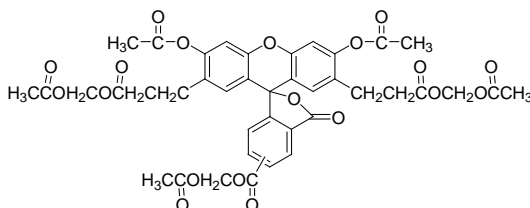
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PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: BCECF, AM ester 1mg/ml in anhydrous DMSO**CATALOG #:** 51009**MOLECULAR INFORMATION:** BCECF AM ester is a mixture of three components, the structures of which are shown below. MWt: N/A**PROPERTIES:**

Color & Form	Off-white liquid
Purity	≥ 95% by TLC
Solubility	N/A
Absorption/Emission	$\lambda_{\text{abs}} < 300\text{nm}$ (before hydrolysis); $\lambda_{\text{abs}}/\lambda_{\text{em}} = 503/528\text{ nm}$ (pH 9, after hydrolysis).
Extinction Coefficient	N/A

STORAGE AND HANDLING:

Store desiccated at -20 °C. Protect from light, especially when in solution.

APPLICATION:Membrane-permeant form of BCECF that can be loaded into cells via incubation. Once in the cells, BCECF/AM is readily hydrolyzed by cytosolic esterases to BCECF. See BCECF acid (**51010**) for more information on BCECF.

Ref: 1) Ho, A.K., et al. *Am. J. Physiol.* **261**, C642(1991); 2) Futsaetner, C.M., et al. *Can. J. Microbiol.* **39**, 180(1993); 3) Shepherd, R.M., et al. *Am. J. Physiol.* **262**, C182(1992); 4) Hayasi, H., et al. *Am. J. Physiol.* **262**, C628(1992); 5) Weiner, I.D. and Hamm, L.L. *Am. J. Physiol.* **256**, F957(1989).

TOXICITY:

Unknown

FIRST AID:

Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.

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