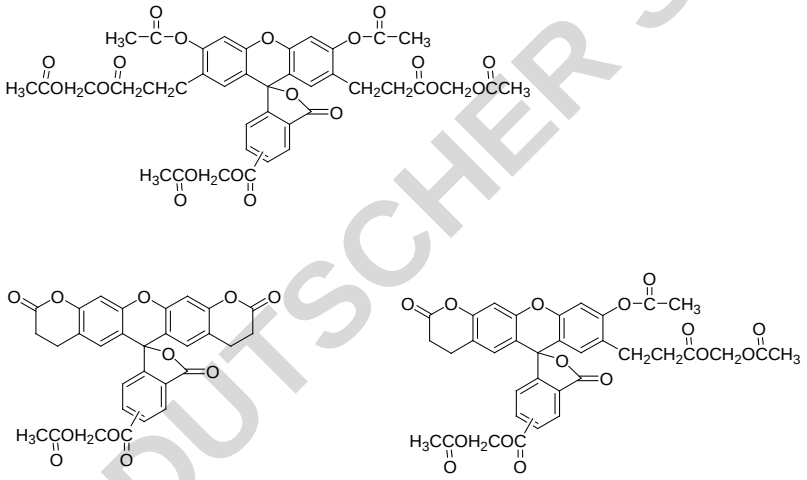
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PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: **BCECF, AM ester** (2',7'-bis-(2-carboxyethyl)-5-(and 6-)carboxyfluorescein, acetoxymethyl ester)

CATALOG #: **51011/51011-1/51012**

MOLECULAR INFORMATION: BCECF AM ester is a mixture of three components, the structures of which are shown below. MWt: N/A [117464-70-7]



PROPERTIES:

Color & Form	White solid
Purity	≥ 95% by HPLC
Solubility	Soluble in DMSO and DMF
Absorption/Emission	508 nm/530 nm (for BCECF acid)
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 acid. 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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