

BCECF Acetoxymethyl ester

Chemical Properties

CAS No. :	1119449-23-8
Formula:	C42H40O21
Molecular Weight:	880.76
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	BCECF Acetoxymethyl ester is a fluorescent indicator used to measure intracellular pH levels. It is converted to BCECF by intracellular esterases. Intracellular pH measurement involves ratio imaging, which determines the pH-dependent ratio between emission intensities when the dye is excited at 490 nm (detected at 535 nm) and at 440 nm.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1354 mL	5.6769 mL	11.3538 mL
5 mM	0.2271 mL	1.1354 mL	2.2708 mL
10 mM	0.1135 mL	0.5677 mL	1.1354 mL
50 mM	0.0227 mL	0.1135 mL	0.2271 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481