

5-(6)-CDCFDA SE

Chemical Properties

CAS No. : 147265-60-9
 Formula: C₅₈H₃₄Cl₄N₂O₂₂
 Molecular Weight: 626.35
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.

Biological Description

Description	5(6)-Carboxy-2',7'-dichlorofluorescein diacetate N-succinimidyl ester (cDCFDASE) serves as a fluorescent probe for assessing the intracellular pH (pH in) in living cells under various external pH conditions (pH ex) [1]. This compound is utilized to measure pH dynamics within cells, facilitating critical insights into cellular function and behavior.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5966 mL	7.9828 mL	15.9655 mL
5 mM	0.3193 mL	1.5966 mL	3.1931 mL
10 mM	0.1597 mL	0.7983 mL	1.5966 mL
50 mM	0.0319 mL	0.1597 mL	0.3193 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.

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