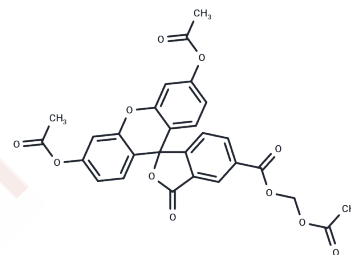


5-CFDA-AM

Chemical Properties

CAS No. :	124412-00-6
Formula:	C ₂₈ H ₂₀ O ₁₁
Molecular Weight:	532.45
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	5-CFDA-AM is a cell-permeable esterase substrate used as an active probe to evaluate enzyme activity and cell membrane integrity. Electroneutral and able to enter cells at lower concentrations than CFDA, it undergoes intracellular hydrolysis by esterases to produce carboxyfluorescein, which possesses an extra negative charge, enhancing cellular retention [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8781 mL	9.3906 mL	18.7811 mL
5 mM	0.3756 mL	1.8781 mL	3.7562 mL
10 mM	0.1878 mL	0.9391 mL	1.8781 mL
50 mM	0.0376 mL	0.1878 mL	0.3756 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

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