

## Fluo-3, pentasodium salt

## Chemical Properties

CAS No. :

Formula: C<sub>36</sub>H<sub>25</sub>Cl<sub>2</sub>5N<sub>2</sub>O<sub>13</sub>

Molecular Weight: 879.44

Keep away from direct sunlight

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	Calcium measurement is critical for numerous biological investigations. Fluorescent probes that show spectral responses upon binding calcium have enabled researchers to investigate changes in intracellular free calcium concentrations by using fluorescence microscopy, flow cytometry, fluorescence spectroscopy and fluorescence microplate readers. Fluo-3, pentasodium salt is most commonly used among the visible light-excitabile calcium indicators.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1371 mL	5.6854 mL	11.3709 mL
5 mM	0.2274 mL	1.1371 mL	2.2742 mL
10 mM	0.1137 mL	0.5685 mL	1.1371 mL
50 mM	0.0227 mL	0.1137 mL	0.2274 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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