

## Fluo-3, pentapotassium salt

## Chemical Properties

CAS No. :

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

Molecular Weight: 959.99

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, pentapotassium salt is most commonly used among the visible light-excitabile calcium indicators.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0417 mL	5.2084 mL	10.4168 mL
5 mM	0.2083 mL	1.0417 mL	2.0834 mL
10 mM	0.1042 mL	0.5208 mL	1.0417 mL
50 mM	0.0208 mL	0.1042 mL	0.2083 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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