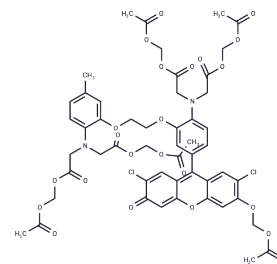


## Fluo-3AM

## Chemical Properties

CAS No. :	121714-22-5
Formula:	C <sub>51</sub> H <sub>50</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>23</sub>
Molecular Weight:	1129.85
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	Fluo-3AM is a calcium indicator that exhibits an increase in fluorescence upon binding Ca <sup>2+</sup> . It is used to image the spatial dynamics of Ca <sup>2+</sup> signaling in flow cytometry experiments.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8851 mL	4.4254 mL	8.8507 mL
5 mM	0.177 mL	0.8851 mL	1.7701 mL
10 mM	0.0885 mL	0.4425 mL	0.8851 mL
50 mM	0.0177 mL	0.0885 mL	0.177 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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