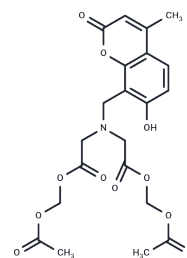


## Calcein Blue AM

## Chemical Properties

CAS No. :	168482-84-6
Formula:	C <sub>21</sub> H <sub>23</sub> N <sub>O</sub> <sub>11</sub>
Molecular Weight:	465.41
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	Calcein Blue AM is a live cell labeling dye that permeates the cell membrane. Upon entering cells, intracellular esterases cleave the ester group of acetoxymethyl (AM), producing Calcein Blue fluorescent dye that is impermeable to cell membranes.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 6 mg/mL (12.89 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1486 mL	10.7432 mL	21.4864 mL
5 mM	0.4297 mL	2.1486 mL	4.2973 mL
10 mM	0.2149 mL	1.0743 mL	2.1486 mL
50 mM	0.043 mL	0.2149 mL	0.4297 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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