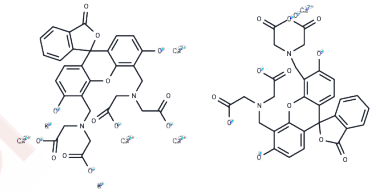


## Calcein calcium potassium

## Chemical Properties

CAS No. :	36352-49-5
Formula:	C <sub>30</sub> H <sub>20</sub> N <sub>2</sub> O <sub>13.5</sub> /2Ca.K
Molecular Weight:	756.06
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 calcium potassium is the calcium potassium salt form of Calcein. It serves as a fluorescent dye and self-quenching probe, useful as an indicator for liposome leakage and as a complexometric indicator in EDTA titration of calcium ions and fluorescence assays. Additionally, Calcein calcium potassium can be used as a model drug to assess the efficiency and bioavailability of drug delivery systems.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3226 mL	6.6132 mL	13.2265 mL
5 mM	0.2645 mL	1.3226 mL	2.6453 mL
10 mM	0.1323 mL	0.6613 mL	1.3226 mL
50 mM	0.0265 mL	0.1323 mL	0.2645 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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