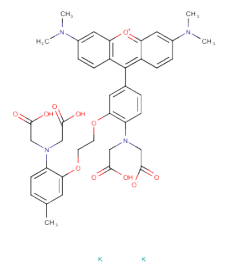


## Rhod-2 (potassium salt)

## Chemical Properties

CAS No. :	663625-18-1
Formula:	C40H39K3N4O11
Molecular Weight:	869.05
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	Rhod-2 (potassium salt) is a water-soluble, red fluorescent calcium indicator that exhibits a significant shift in fluorescence intensity upon calcium binding (ex max = 549 nm; calcium-free v. ex/em max = 552/581 nm; calcium-bound). Unlike the UV-excitable indicators fura-2 and indo-1, it does not demonstrate a spectral shift.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1507 mL	5.7534 mL	11.5068 mL
5 mM	0.2301 mL	1.1507 mL	2.3014 mL
10 mM	0.1151 mL	0.5753 mL	1.1507 mL
50 mM	0.023 mL	0.1151 mL	0.2301 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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