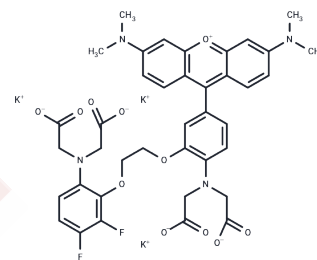


## Rhod-FF tripotassium

## Chemical Properties

CAS No. :	945462-68-0
Formula:	C <sub>39</sub> H <sub>35</sub> F <sub>2</sub> K <sub>3</sub> N <sub>4</sub> O <sub>11</sub>
Molecular Weight:	891.01
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-FF tripotassium is a derivative of Rhod-2 and serves as a low-affinity calcium ion indicator ( $K_d = 320 \mu\text{M}$ ). It signals calcium ion concentration by binding with calcium ions and undergoing fluorescence changes, with excitation at 552 nm and emission at 580 nm.
Targets(IC50)	Others, Calcium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1223 mL	5.6116 mL	11.2232 mL
5 mM	0.2245 mL	1.1223 mL	2.2446 mL
10 mM	0.1122 mL	0.5612 mL	1.1223 mL
50 mM	0.0224 mL	0.1122 mL	0.2245 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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