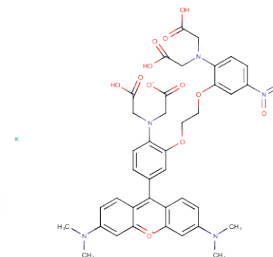


Rhod-5N (potassium salt)

Chemical Properties

CAS No. :	888229-31-0
Formula:	C39H36K3N5O13
Molecular Weight:	900.02
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-5N is a low affinity fluorescent calcium probe ($K_d = 320 \mu\text{M}$). Low affinity calcium indicators are particularly useful for studying compartments with high concentrations of calcium, such as endoplasmic reticulum, where high affinity dyes will be insensitive to luminal fluctuations. Rhod-5N has excitation/emission maxima of approximately 551 and 576 nm, respectively
Targets(IC50)	Others

Solubility Information

Solubility	H2O: Soluble ($< 1 \text{ mg/ml}$ refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1111 mL	5.5554 mL	11.1109 mL
5 mM	0.2222 mL	1.1111 mL	2.2222 mL
10 mM	0.1111 mL	0.5555 mL	1.1111 mL
50 mM	0.0222 mL	0.1111 mL	0.2222 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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