

Rhod-FF AM

Chemical Properties

CAS No. :

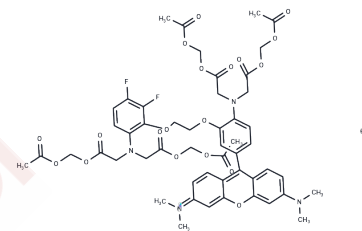
Formula: C51H55BrF2N4O19

Molecular Weight: 1145.9

Storage: Keep away from direct sunlight

Store at -20°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Rhod-FF AM is a cell-permeable fluorescent calcium indicator hydrolysed by intracellular esterases to form rhod-FF, with emission/excitation wavelengths of 552/580 nm. Exhibiting low affinity for Ca ²⁺ , Rhod-FF AM enables detection of elevated calcium concentrations within the 10–200 μM range.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, 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	0.8727 mL	4.3634 mL	8.7268 mL
5 mM	0.1745 mL	0.8727 mL	1.7454 mL
10 mM	0.0873 mL	0.4363 mL	0.8727 mL
50 mM	0.0175 mL	0.0873 mL	0.1745 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.

Reference

Ryan D, et al. Cannabidiol targets mitochondria to regulate intracellular Ca²⁺ levels. J Neurosci. 2009 Feb 18;29(7):2053-63.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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