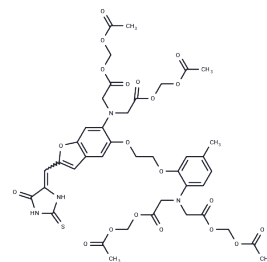


## Fura Red

## Chemical Properties

CAS No. :	149732-62-7
Formula:	C41H44N4O20S
Molecular Weight:	944.87
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	Fura Red is a calcium ion (Ca <sup>2+</sup> )-sensitive fluorescent dye whose fluorescence diminishes with increasing concentrations of calcium ions ([Ca <sup>2+</sup> ])[1].
Targets(IC50)	Others
In vitro	The chemical compound exhibits activity according to our recommended protocol (Guidelines [2]).

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0583 mL	5.2917 mL	10.5835 mL
5 mM	0.2117 mL	1.0583 mL	2.1167 mL
10 mM	0.1058 mL	0.5292 mL	1.0583 mL
50 mM	0.0212 mL	0.1058 mL	0.2117 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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