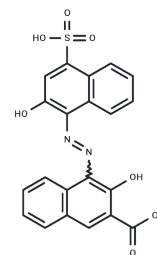


## Calconcarboxylic acid

## Chemical Properties

CAS No. :	3737-95-9
Formula:	C <sub>21</sub> H <sub>14</sub> N <sub>2</sub> O <sub>7</sub> S
Molecular Weight:	438.41
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	Calconcarboxylic acid, an azo dye, functions as a silver-ion sensitizer for staining proteins in SDS-PAGE gels by enhancing silver binding to protein bands or spots through the formation of a silver-dye complex and increasing the reducing power of the (sodium dodecyl sulfate [SDS]) solution.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.281 mL	11.4048 mL	22.8097 mL
5 mM	0.4562 mL	2.281 mL	4.5619 mL
10 mM	0.2281 mL	1.1405 mL	2.281 mL
50 mM	0.0456 mL	0.2281 mL	0.4562 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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