

## Strontium carbonate

## Chemical Properties

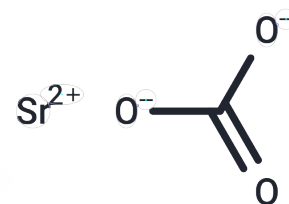
CAS No. : 1633-05-2

Formula: CO<sub>3</sub>Sr

Molecular Weight: 147.63

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Strontium carbonate is an inorganic salt used as a red colourant in fireworks in the pyrotechnics industry, and is widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.7737 mL	33.8685 mL	67.7369 mL
5 mM	1.3547 mL	6.7737 mL	13.5474 mL
10 mM	0.6774 mL	3.3868 mL	6.7737 mL
50 mM	0.1355 mL	0.6774 mL	1.3547 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

Dotta TC, et al. Strontium Carbonate and Strontium-Substituted Calcium Carbonate Nanoparticles Form Protective Deposits on Dentin Surface and Enhance Human Dental Pulp Stem Cells Mineralization. J Funct Biomater. 2022 Nov 17;13(4):250.

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