

## Calcium citrate

## Chemical Properties

CAS No. :	813-94-5
Formula:	C <sub>6</sub> H <sub>8</sub> O <sub>7</sub> .3/2Ca
Molecular Weight:	252.24
Storage:	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	Calcium citrate (Tricalcium dicitrate) serves as an alkalizing agent. In its analytical reagent form at 99% purity, calcium citrate can alleviate tubular interstitial damage and improve the progression of chronic kidney injury.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9645 mL	19.8224 mL	39.6448 mL
5 mM	0.7929 mL	3.9645 mL	7.929 mL
10 mM	0.3964 mL	1.9822 mL	3.9645 mL
50 mM	0.0793 mL	0.3964 mL	0.7929 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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