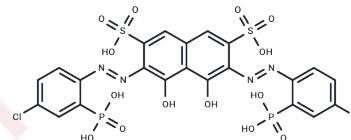


## Chlorophosphonazo III

## Chemical Properties

CAS No. : 1914-99-4  
 Formula: C<sub>22</sub>H<sub>16</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>14</sub>P<sub>2</sub>S<sub>2</sub>  
 Molecular Weight: 757.36  
 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	Chlorophosphonazo III is an agent sensitive to both calcium and magnesium. It allows for the specific determination of calcium at a pH of 2.2 and both calcium and magnesium at a pH of 7.0. Additionally, Chlorophosphonazo III is utilized in spectrophotometric determination of titanium, zirconium, thorium, scandium, pentavalent actinides, and protactinium.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3204 mL	6.6019 mL	13.2038 mL
5 mM	0.2641 mL	1.3204 mL	2.6408 mL
10 mM	0.132 mL	0.6602 mL	1.3204 mL
50 mM	0.0264 mL	0.132 mL	0.2641 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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