

Cerium oxide

Chemical Properties

CAS No. : 1306-38-3

Formula: CeO₂

Molecular Weight: 172.115

Appearance:

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



Biological Description

Description

Cerium oxide, 99.99% metals basis, <5 µm, functions as a biochemical analysis reagent with anti-inflammatory properties and mimics the activity of SOD and catalase. It is applicable in treating chronic inflammation and is utilized in industrial applications such as solid oxide fuel cells, solar cells, catalysts, oxygen pumps, and gas sensors.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8099 mL	29.0495 mL	58.099 mL
5 mM	1.162 mL	5.8099 mL	11.6198 mL
10 mM	0.581 mL	2.905 mL	5.8099 mL
50 mM	0.1162 mL	0.581 mL	1.162 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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