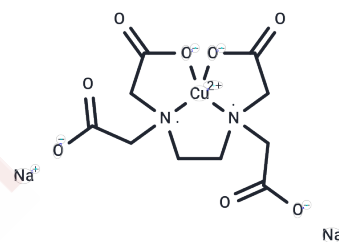


EDTA copper(II) disodium salt

Chemical Properties

CAS No. :	39208-15-6
Formula:	C ₁₀ H ₁₂ CuN ₂ Na ₂ O ₈
Molecular Weight:	397.74
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	EDTA copper(II) disodium salt is a metal chelator with antimicrobial, anti-inflammatory and antioxidant activity, slows down damage caused by metal ions, maintains osmotic pressure during protein purification, and can be used in the study of neurological disorders.
Targets(IC50)	Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5142 mL	12.571 mL	25.1421 mL
5 mM	0.5028 mL	2.5142 mL	5.0284 mL
10 mM	0.2514 mL	1.2571 mL	2.5142 mL
50 mM	0.0503 mL	0.2514 mL	0.5028 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

Kuldeep Kumar, et al. Systems and methods for treating a substrate:WO2022197358A1.

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