

Zinc oxinate

Chemical Properties

CAS No. :	13978-85-3
Formula:	C ₁₈ H ₁₂ N ₂ O ₂ Zn
Molecular Weight:	353.69
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	Zinc oxinate (Zinc 8-hydroxyquinolate) is a metal chelating agent that stabilizes zinc complexes by forming penta- or hexa-coordinate chelates. It holds potential for research involving the determination of zinc content.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8273 mL	14.1367 mL	28.2733 mL
5 mM	0.5655 mL	2.8273 mL	5.6547 mL
10 mM	0.2827 mL	1.4137 mL	2.8273 mL
50 mM	0.0565 mL	0.2827 mL	0.5655 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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