

Zinc oxinate

Chemical Properties

CAS No. :	13978-85-3
Formula:	C ₁₈ H ₁₂ N ₂ O ₂ Zn
Molecular Weight:	353.709
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	2.8272 mL	14.1359 mL	28.2717 mL
5 mM	0.5654 mL	2.8272 mL	5.6543 mL
10 mM	0.2827 mL	1.4136 mL	2.8272 mL
50 mM	0.0565 mL	0.2827 mL	0.5654 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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