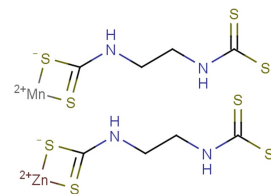


Mancozeb

Chemical Properties

CAS No.:	8018-01-7
Formula:	C ₈ H ₁₂ Mn ₂ N ₄ S ₈ Zn ₂ 2-
Molecular Weight:	661.36
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Mancozeb is a fungicide of ethylene-bis-dithiocarbamate.
Targets(IC ₅₀)	Antifungal: None

Solubility Information

Solubility	DMSO: 1 mg/mL (1.51 mM) DMSO: 5 mM (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.512 mL	7.56 mL	15.12 mL
5 mM	0.302 mL	1.512 mL	3.024 mL
10 mM	0.151 mL	0.756 mL	1.512 mL
50 mM	0.03 mL	0.151 mL	0.302 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Santos R, et al. Thyroid and reproductive hormones in relation to pesticide use in an agricultural population in Southern Brazil. Environ Res. 2019 Jun;173:221-231.

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