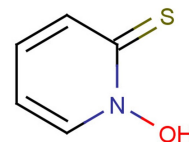


Pyrithione

Chemical Properties

CAS No.:	1121-30-8
Formula:	C ₅ H ₅ NOS
Molecular Weight:	127.16
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Pyrithione has antibacterial and antifungal activity.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 125 mg/mL (983.01 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.864 mL	39.321 mL	78.641 mL
5 mM	1.573 mL	7.864 mL	15.728 mL
10 mM	0.786 mL	3.932 mL	7.864 mL
50 mM	0.157 mL	0.786 mL	1.573 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. PANSY FE, et al. In vitro studies with 1-hydroxy-2(1H) pyridinethione. Proc Soc Exp Biol Med. 1953 Jan;82(1):122-4.

Inhibitors · Natural Compounds · Compound Libraries

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