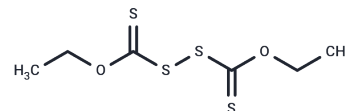


Dixanthogen

Chemical Properties

CAS No. : 502-55-6
Formula: C₆H₁₀O₂S₄
Molecular Weight: 242.4
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Dixanthogen (Auligen) is an ectoparasiticide. Dixanthogen is a thiocarbonyl compound.
Targets(IC50)	Parasite

Solubility Information

Solubility	DMSO: 60 mg/mL (247.55 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1254 mL	20.6271 mL	41.2541 mL
5 mM	0.8251 mL	4.1254 mL	8.2508 mL
10 mM	0.4125 mL	2.0627 mL	4.1254 mL
50 mM	0.0825 mL	0.4125 mL	0.8251 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.

Reference

DANBOLT N. Acta Derm Venereol. 1945; 26(1):103.

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