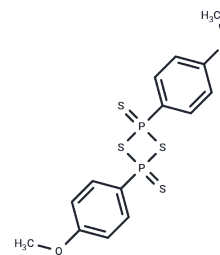


Lawesson's reagent

Chemical Properties

CAS No. :	19172-47-5
Formula:	C ₁₄ H ₁₄ O ₂ P ₂ S ₄
Molecular Weight:	404.47
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Lawesson's reagent is a thiation agent. It is incompatible with strong oxidizing agents.
Targets(IC50)	Others

Solubility Information

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

	1mg	5mg	10mg
1 mM	2.4724 mL	12.3619 mL	24.7237 mL
5 mM	0.4945 mL	2.4724 mL	4.9447 mL
10 mM	0.2472 mL	1.2362 mL	2.4724 mL
50 mM	0.0494 mL	0.2472 mL	0.4945 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.

Reference

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