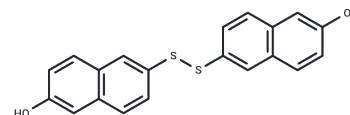


PIR 3.5

Chemical Properties

CAS No. : 6088-51-3
 Formula: C₂₀H₁₄O₂S₂
 Molecular Weight: 350.45
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PIR 3.5 (6,6'-Dithiodi(2-naphthol)) is a negative control of IPA 3 which is a Pak1 inhibitor.
Targets(IC50)	PAK

Solubility Information

Solubility	DMSO: 60 mg/mL (171.21 mM) Ethanol: < 1 mg/mL (insoluble or slightly soluble)(2.85 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8535 mL	14.2674 mL	28.5347 mL
5 mM	0.5707 mL	2.8535 mL	5.7069 mL
10 mM	0.2853 mL	1.4267 mL	2.8535 mL
50 mM	0.0571 mL	0.2853 mL	0.5707 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

Nöhammer G. Quantitative microspectrophotometrical determination of protein thiols and disulfides with 2,2'-dihydroxy-6,6'-dinaphthylidene (DDD). The variety of DDD-staining methods demonstrated on Ehrlich ascites

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