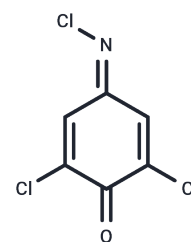


Gibbs reagent

Chemical Properties

CAS No. :	101-38-2
Formula:	C ₆ H ₂ Cl ₃ NO
Molecular Weight:	210.45
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	Gibbs reagent is a versatile visualization reagent for thin-layer chromatography.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: < 2.1 mg/mL (10 mM, insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7517 mL	23.7586 mL	47.5172 mL
5 mM	0.9503 mL	4.7517 mL	9.5034 mL
10 mM	0.4752 mL	2.3759 mL	4.7517 mL
50 mM	0.095 mL	0.4752 mL	0.9503 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

Arip M N M , Heng L Y , Musa Ahmad.... Reaction of 2,6-dichloroquinone-4-chloroimide (Gibbs reagent) with permethrin – an optical sensor for rapid detection of permethrin in treated wood[J]. Chemistry Central Journal, 2013, 7(1):122.

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