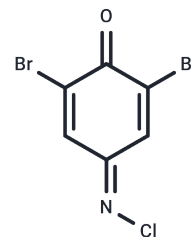


2,6-Dibromoquinone-4-chloroimide

Chemical Properties

CAS No. :	537-45-1
Formula:	C ₆ H ₂ Br ₂ ClNO
Molecular Weight:	299.35
Appearance:	no data available
Storage:	keep away from direct sunlight
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	2,6-Dibromoquinone-4-chloroimide is a colorimetric dye for the detection of phenolic compounds. It produces an indigo dye upon reacting with phenolic compounds at a pH of approximately 9.4. 2,6-Dibromoquinone-4-chloroimide has been used as a Gibbs reagent for the colorimetric detection of phenolic compounds. It has also been used in chromogenic reactions for the quantitative colorimetric detection of aflatoxins, causing colorless aflatoxins to become green with an absorption band at 673 nm.
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Solubility Information

Solubility	DMSO: 25 mg/mL Ethanol: 1 mg/mL DMF: 30 mg/mL DMF:PBS (pH 7.2)(1:7): 0.12 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3406 mL	16.7029 mL	33.4057 mL
5 mM	0.6681 mL	3.3406 mL	6.6811 mL
10 mM	0.3341 mL	1.6703 mL	3.3406 mL
50 mM	0.0668 mL	0.3341 mL	0.6681 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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