

## 6-Chloro-2,4-dibromophenol

## Chemical Properties

CAS No. :	4526-56-1
Formula:	C <sub>6</sub> H <sub>3</sub> Br <sub>2</sub> ClO
Molecular Weight:	286.348
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	6-Chloro-2,4-dibromophenol (2,4-dibromo-6-chlorophenol) is a marine derived natural products found in <i>Pseudoalteromonas luteoviolacea</i> .
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50.00 mg/mL (174.61 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4922 mL	17.4611 mL	34.9223 mL
5 mM	0.6984 mL	3.4922 mL	6.9845 mL
10 mM	0.3492 mL	1.7461 mL	3.4922 mL
50 mM	0.0698 mL	0.3492 mL	0.6984 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

- Jiang Z, Mearns-Spragg A, Adams DR, et al. Two diketopiperazines and one halogenated phenol from cultures of the marine bacterium, *Pseudoalteromonas luteoviolacea*. *Nat Prod Lett.* 2000;14(6):435-440.
- Wang J, Guan H, Xu Z. Development and Validation of a Liquid Chromatography-Tandem Mass Spectrometry Method for Screening Potential Citrate Lyase Inhibitors from a Library of Marine Compounds. *Marine Drugs.* 2024, 22 (6): 245.

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