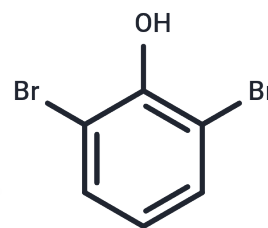


2,6-Dibromophenol

Chemical Properties

CAS No. :	608-33-3
Formula:	C ₆ H ₄ Br ₂ O
Molecular Weight:	251.90
Storage:	Keep away from direct sunlight 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	2,6-Dibromophenol (2,6-Dibromo-phenol) is extracted from the skin and muscle of flatfish.
Targets(IC50)	Calcium Channel,Endogenous Metabolite,Parasite,Antifungal

Solubility Information

Solubility	DMSO: 90 mg/mL (357.28 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (13.1 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9698 mL	19.8491 mL	39.6983 mL
5 mM	0.794 mL	3.9698 mL	7.9397 mL
10 mM	0.397 mL	1.9849 mL	3.9698 mL
50 mM	0.0794 mL	0.397 mL	0.794 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

Tanaka Y, et al. [Analysis of 2,4-dibromophenol and 2,6-dibromophenol in phenolic-smelling flatfish]. Shokuhin Eiseigaku Zasshi. 2009 Dec;50(6):292-6. Japanese.

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