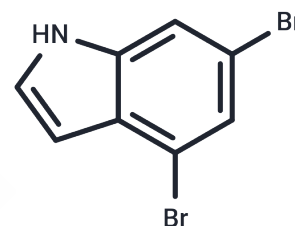


## 4,6-Dibromoindole

## Chemical Properties

CAS No. :	99910-50-6
Formula:	C <sub>8</sub> H <sub>5</sub> Br <sub>2</sub> N
Molecular Weight:	274.94
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	4,6-Dibromoindole (ZINC13450450) is a marine derived natural products found in <i>Glossobalanus</i> sp.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 45 mg/mL (163.67 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	3.6372 mL	18.1858 mL	36.3716 mL
5 mM	0.7274 mL	3.6372 mL	7.2743 mL
10 mM	0.3637 mL	1.8186 mL	3.6372 mL
50 mM	0.0727 mL	0.3637 mL	0.7274 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

Reineke N, Biselli S, Franke S, Francke W, Heinzl N, Hühnerfuss H, Iznaguen H, Kammann U, Theobald N, Vobach M, Wosniok W. Brominated indoles and phenols in marine sediment and water extracts from the north and baltic seas-concentrations and effects. *Arch Environ Contam Toxicol*. 2006 Aug;51(2):186-96. doi: 10.1007/s00244-005-0135-3. Epub 2006 Mar 30. PMID: 16583256.

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