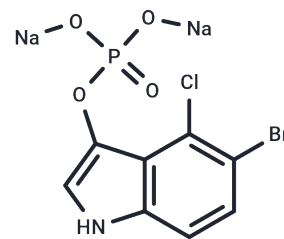


5-Bromo-4-chloro-1H-indol-3-yl phosphate sodium

Chemical Properties

CAS No. :	102185-33-1
Formula:	C ₈ H ₄ BrClNNa ₂ O ₄ P
Molecular Weight:	370.432
Storage:	Keep away from moisture, 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	Sodium 5-bromo-4-chloro-1H-indol-3-yl phosphate is often employed in biochemistry and molecular biology as a substrate for phosphatase assays. This compound is converted by phosphatase into a yellow product, which can be easily quantified using spectrophotometric or fluorometric methods. Additionally, it serves as a valuable reagent in enzyme-catalyzed reactions and as a tool for studying signal transduction pathways.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6996 mL	13.4978 mL	26.9957 mL
5 mM	0.5399 mL	2.6996 mL	5.3991 mL
10 mM	0.270 mL	1.3498 mL	2.6996 mL
50 mM	0.054 mL	0.270 mL	0.5399 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.

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