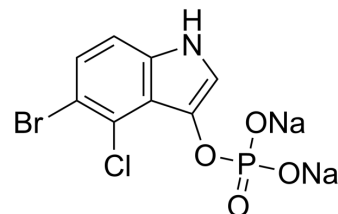


5-Bromo-4-chloro-1H-indol-3-yl phosphate sodium

Cat. No.:	HY-W045537
CAS No.:	102185-33-1
Molecular Formula:	C ₈ H ₄ BrClNNa ₂ O ₄ P
Molecular Weight:	370.43
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 41.67 mg/mL (112.49 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.6996 mL	13.4978 mL	26.9957 mL
	5 mM		0.5399 mL	2.6996 mL	5.3991 mL
	10 mM		0.2700 mL	1.3498 mL	2.6996 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Sodium 5-bromo-4-chloro-1H-indol-3-yl phosphate is commonly used as a substrate for phosphatase assays in biochemistry and molecular biology. This compound is converted by phosphatases to a yellow compound that can be easily measured spectrophotometrically or fluorometrically. Furthermore, it has been used as a useful reagent in enzyme-catalyzed reactions and a tool for studying signal transduction pathways.

In Vitro

Sodium 5-bromo-4-chloro-1H-indol-3-yl phosphate is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Caution: Product has not been fully validated for medical applications. For research use only.

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