

## DCIP sodium

## Chemical Properties

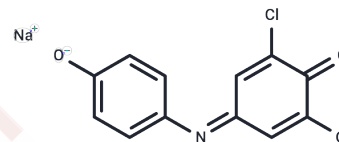
CAS No. : 620-45-1

Formula: C<sub>12</sub>H<sub>6</sub>Cl<sub>2</sub>NNaO<sub>2</sub>

Molecular Weight: 290.08

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	DCIP sodium, a blue dye, is commonly utilized in various biochemical and biotechnological applications as an indicator of redox reactions. It possesses unique chemical properties that change color according to the oxidation state of the substance being tested. It is frequently used in enzyme assays, such as measuring succinate dehydrogenase activity, or in protein quantification methods (e.g., the Lowry assay).
Targets(IC50)	Others
In vitro	DCIP (Dichlorophenylindophenol) sodium is a biochemical reagent used as a biological material or organic compound in life science research.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4473 mL	17.2366 mL	34.4732 mL
5 mM	0.6895 mL	3.4473 mL	6.8946 mL
10 mM	0.3447 mL	1.7237 mL	3.4473 mL
50 mM	0.0689 mL	0.3447 mL	0.6895 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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