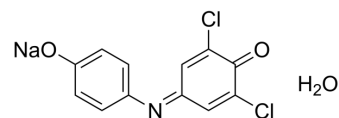


DCIP hydrate sodium

Cat. No.:	HY-D0018A
CAS No.:	283164-79-4
Molecular Formula:	C ₁₂ H ₈ Cl ₂ NNaO ₃
Molecular Weight:	308.09
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (324.58 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	3.2458 mL	16.2290 mL	32.4580 mL
		5 mM	0.6492 mL	3.2458 mL	6.4916 mL
	10 mM	0.3246 mL	1.6229 mL	3.2458 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (8.11 mM); Suspended solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	DCIP hydrate sodium is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
IC ₅₀ & Target	Aminoimidazole carboxamide ribonucleotide transformylase/inosine monophosphate cyclohydrolase (ATIC) ^[1]

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

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