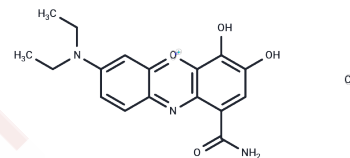


Celestine Blue

Chemical Properties

CAS No. :	1562-90-9
Formula:	C17H18ClN3O4
Molecular Weight:	363.8
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	Celestine Blue is an electroactive indicator in DNA biosensors, strongly adsorbed on spinel phases and CNT (carbon nanotubes), facilitating dispersion, acting as a capping agent, and enabling the fabrication of spinel-decorated CNT. It is an efficient charge transfer mediator, significantly improving capacitive behavior. TiO2 nanoparticles doped with Celestine Blue can be used as a label in a sandwich immunoassay for the hepatitis C virus (HCV) core antigen [1] [2] [3].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7488 mL	13.7438 mL	27.4876 mL
5 mM	0.5498 mL	2.7488 mL	5.4975 mL
10 mM	0.2749 mL	1.3744 mL	2.7488 mL
50 mM	0.055 mL	0.2749 mL	0.5498 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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