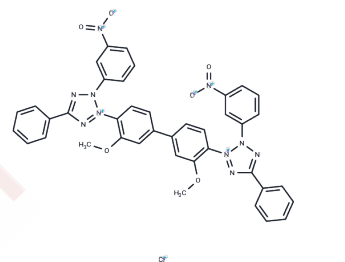


3-Nitrotetrazolium blue chloride

Chemical Properties

CAS No. :	38184-50-8
Formula:	C40H30Cl2N10O6
Molecular Weight:	817.64
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	3-Nitrotetrazolium blue (chloride) serves as a versatile dye with numerous applications in both scientific and industrial sectors. This compound is pivotal in biological experiments for observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its use spans from basic research to various diagnostic procedures in clinical settings. Additionally, it holds significant value in traditional industries like textile dyeing and in novel areas including functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.223 mL	6.1152 mL	12.2303 mL
5 mM	0.2446 mL	1.223 mL	2.4461 mL
10 mM	0.1223 mL	0.6115 mL	1.223 mL
50 mM	0.0245 mL	0.1223 mL	0.2446 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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