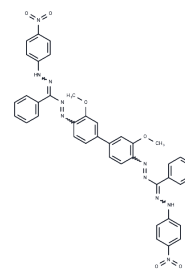


Nitro Blue Diformazan

Chemical Properties

CAS No. :	16325-01-2
Formula:	C40H32N10O6
Molecular Weight:	748.75
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	Nitro Blue Diformazan serves as a multifunctional dye, invaluable in biological experiments for observing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its applications span from fundamental scientific research to clinical diagnostics. Additionally, dyes play a crucial role in traditional areas like textile dyeing and are increasingly used in emerging fields such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3356 mL	6.6778 mL	13.3556 mL
5 mM	0.2671 mL	1.3356 mL	2.6711 mL
10 mM	0.1336 mL	0.6678 mL	1.3356 mL
50 mM	0.0267 mL	0.1336 mL	0.2671 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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