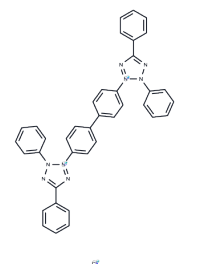


## Neotetrazolium chloride

## Chemical Properties

CAS No. :	298-95-3
Formula:	C <sub>38</sub> H <sub>28</sub> Cl <sub>2</sub> N <sub>8</sub>
Molecular Weight:	667.59
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	Neotetrazolium chloride is primarily utilized in histochemistry for detecting dehydrogenase activity. Additionally, its reduction capability can differentiate malignant from non-malignant cells. In tumor sensitivity tests of chemotherapeutic compounds, Neotetrazolium chloride is also employed to estimate succinate dehydrogenase activity using colorimetric methods.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4979 mL	7.4896 mL	14.9793 mL
5 mM	0.2996 mL	1.4979 mL	2.9959 mL
10 mM	0.1498 mL	0.749 mL	1.4979 mL
50 mM	0.030 mL	0.1498 mL	0.2996 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.

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