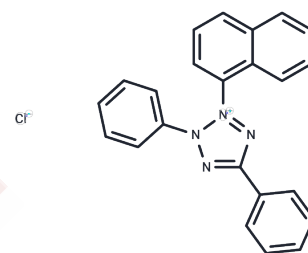


## Tetrazolium violet

## Chemical Properties

CAS No. :	1719-71-7
Formula:	C <sub>23</sub> H <sub>17</sub> ClN <sub>4</sub>
Molecular Weight:	384.86
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	Tetrazolium violet is a redox indicator extensively employed in biochemical assays to assess cell viability and metabolic activity. Its unique chemical properties allow it to be reduced by cellular enzymes like dehydrogenases, forming a purple formazan product that is detectable via spectrophotometry. This makes it a valuable tool for evaluating cell health and growth in culture or tissue samples.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5983 mL	12.9917 mL	25.9835 mL
5 mM	0.5197 mL	2.5983 mL	5.1967 mL
10 mM	0.2598 mL	1.2992 mL	2.5983 mL
50 mM	0.052 mL	0.2598 mL	0.5197 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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