# Data Sheet (Cat.No.T19577)



## Tetrazolium Red

# **Chemical Properties**

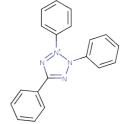
CAS No.: 298-96-4

Formula: C19H15ClN4

Molecular Weight: 334.8

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## **Biological Description**

Description	Tetrazolium Red (2,3,5-Triphenyltetrazolium chloride) is used to visualize dehydrogenase enzyme activity.	10
Targets(IC50)	Others	

#### **Solubility Information**

Solubility	DMSO: 150 mg/mL (448.03 mM),Sonification is recommended.
<b>⊗</b>	H2O: 50 mg/mL (149.34 mM), Sonification is recommended.
	(< 1 mg/ml refers to the product slightly soluble or insoluble)

#### **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	2.9869 mL	14.9343 mL	29.8686 mL
5 mM	0.5974 mL	2.9869 mL	5.9737 mL
10 mM	0.2987 mL	1.4934 mL	2.9869 mL
50 mM	0.0597 mL	0.2987 mL	0.5974 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.

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