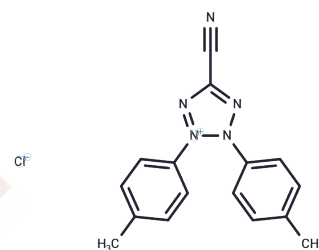


5-Cyano-2,3-di-(p-tolyl)tetrazolium chloride

Chemical Properties

CAS No. :	90217-02-0
Formula:	C ₁₆ H ₁₄ ClN ₅
Molecular Weight:	311.77
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	5-Cyano-2,3-di-(p-tolyl)tetrazolium chloride (CTC), a redox-sensitive red fluorescent dye, effectively measures metabolic activity in microorganisms. It emits at a maximum wavelength of 602 nm [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2075 mL	16.0375 mL	32.0749 mL
5 mM	0.6415 mL	3.2075 mL	6.415 mL
10 mM	0.3207 mL	1.6037 mL	3.2075 mL
50 mM	0.0641 mL	0.3207 mL	0.6415 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481