

Fast red TR salt hemi(zinc chloride)

Chemical Properties

CAS No. :	89453-69-0
Formula:	C ₇ H ₆ Cl ₃ N ₂ .1/2Zn
Molecular Weight:	257.18
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Fast red TR salt hemi(zinc chloride) is a red diazo dye with $\lambda_{max} = 284$ nm, commonly used as a chromogenic substrate for alkaline phosphatase (AP) and in immunohistochemistry to detect specific proteins or antigens in tissue sections.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 80.00 mg/mL (311.07 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8883 mL	19.4416 mL	38.8833 mL
5 mM	0.7777 mL	3.8883 mL	7.7767 mL
10 mM	0.3888 mL	1.9442 mL	3.8883 mL
50 mM	0.0778 mL	0.3888 mL	0.7777 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.

Reference

Newton P, et al. Fake artesunate in southeast Asia. Lancet. 2001 Jun 16;357(9272):1948-50.

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