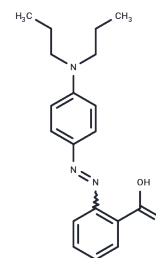


Propyl red

Chemical Properties

CAS No. :	2641-01-2
Formula:	C ₁₉ H ₂₃ N ₃ O ₂
Molecular Weight:	325.4
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	Propyl red is a multifunctional dye utilized in biological experiments for observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its applications extend from fundamental scientific research to a wide range of clinical diagnostics. Additionally, dyes like Propyl red are extensively employed in traditional fields such as textile dyeing, as well as in emerging areas like functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0731 mL	15.3657 mL	30.7314 mL
5 mM	0.6146 mL	3.0731 mL	6.1463 mL
10 mM	0.3073 mL	1.5366 mL	3.0731 mL
50 mM	0.0615 mL	0.3073 mL	0.6146 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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