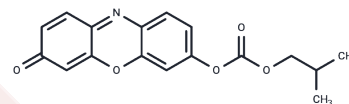


CytoRed

Chemical Properties

CAS No. :	251292-24-7
Formula:	C17H15NO5
Molecular Weight:	313.3
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	CytoRed (7-(Isobutyloxycarbonyloxy)-3H-phenoxazin-3-one) serves as a multifunctional dye with broad applications in various fields. This compound is critical in biological experiments where it aids in observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, and detecting biomolecules. Additionally, it plays a role in studying tissue pathology and monitoring microorganisms. Beyond its scientific use, CytoRed is employed in traditional textile dyeing, functional textile processing, food pigments, and dye-sensitized solar cells, demonstrating its versatility across basic research, clinical diagnostics, and industrial applications.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1918 mL	15.9591 mL	31.9183 mL
5 mM	0.6384 mL	3.1918 mL	6.3837 mL
10 mM	0.3192 mL	1.5959 mL	3.1918 mL
50 mM	0.0638 mL	0.3192 mL	0.6384 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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