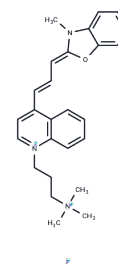


YO-PRO-3

Chemical Properties

CAS No. :	157199-62-7
Formula:	C ₂₆ H ₃₁ I ₂ N ₃ O
Molecular Weight:	655.35
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	YO-PRO-3 (YO-PRO 3) serves as a versatile dye employed across various domains, including biological research and clinical diagnostics. It enables scientists to examine cell structures, trace biomolecules, assess cellular functions, identify different cell types, and investigate tissue pathology, as well as monitor microorganisms. Beyond biomedical applications, this dye is utilized in the dyeing of textiles, the development of functional textiles, food coloring, and in the manufacture of dye-sensitized solar cells, highlighting its extensive use in both traditional and emerging industries.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5259 mL	7.6295 mL	15.259 mL
5 mM	0.3052 mL	1.5259 mL	3.0518 mL
10 mM	0.1526 mL	0.763 mL	1.5259 mL
50 mM	0.0305 mL	0.1526 mL	0.3052 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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