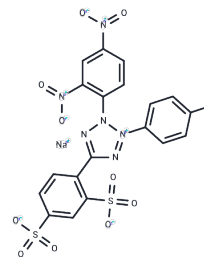


IPB

Chemical Properties

CAS No. : 161617-45-4
 Formula: C₁₉H₁₂IN₆NaO₁₀S₂
 Molecular Weight: 698.36
 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	IPB is a multifunctional dye used in various biological experiments, enabling researchers to observe and analyze cell structures, track and detect biomolecules, evaluate cell functions, distinguish cell types, study tissue pathology, and monitor microorganisms. Its applications extend from fundamental scientific research to a broad range of clinical diagnostics. Additionally, dyes are commonly utilized in traditional areas like textile dyeing, as well as in innovative fields such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4319 mL	7.1596 mL	14.3193 mL
5 mM	0.2864 mL	1.4319 mL	2.8639 mL
10 mM	0.1432 mL	0.716 mL	1.4319 mL
50 mM	0.0286 mL	0.1432 mL	0.2864 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481