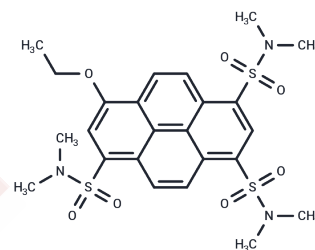


B261

## Chemical Properties

CAS No. : 127070-69-3  
 Formula: C<sub>24</sub>H<sub>29</sub>N<sub>3</sub>O<sub>7</sub>S<sub>3</sub>  
 Molecular Weight: 567.7  
 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	B261 is a multifunctional dye, vital for biological experiments, aiding researchers in observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its applications span basic scientific research to clinical diagnostics, along with traditional fields like textile dyeing and emerging areas such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7615 mL	8.8075 mL	17.6149 mL
5 mM	0.3523 mL	1.7615 mL	3.523 mL
10 mM	0.1761 mL	0.8807 mL	1.7615 mL
50 mM	0.0352 mL	0.1761 mL	0.3523 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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