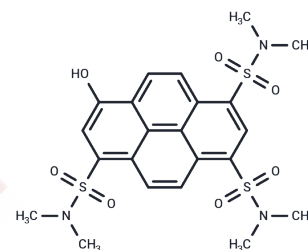


A-205

Chemical Properties

CAS No. : 127044-59-1
 Formula: C₂₂H₂₅N₃O₇S₃
 Molecular Weight: 539.64
 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	A-205 is a multifunctional dye, crucial 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 range from basic scientific research to clinical diagnostics. Dyes are also extensively used in traditional fields such as textile dyeing and in emerging fields like functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8531 mL	9.2654 mL	18.5309 mL
5 mM	0.3706 mL	1.8531 mL	3.7062 mL
10 mM	0.1853 mL	0.9265 mL	1.8531 mL
50 mM	0.0371 mL	0.1853 mL	0.3706 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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