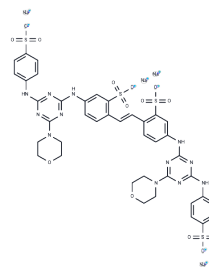


Fluorescent brightener 210

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 28950-61-0 |
| Formula: | C40H36N12Na4O14S4 |
| Molecular Weight: | 1129 |
| 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 | Fluorescent brightener 210 is a versatile dye that plays a crucial role in biological experiments by aiding in the observation and analysis of cell structures, biomolecule tracking, and cell function evaluation. It helps distinguish cell types, detect biomolecules, study tissue pathology, and monitor microorganisms. The applications of this dye extend from fundamental scientific research to a broad spectrum of clinical diagnostics and are widely utilized in traditional areas like textile dyeing, as well as in innovative sectors such as functional textile processing, food pigments, and dye-sensitized solar cells. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.8857 mL | 4.4287 mL | 8.8574 mL |
| 5 mM | 0.1771 mL | 0.8857 mL | 1.7715 mL |
| 10 mM | 0.0886 mL | 0.4429 mL | 0.8857 mL |
| 50 mM | 0.0177 mL | 0.0886 mL | 0.1771 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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