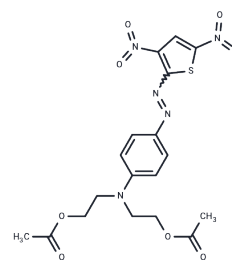


C.I. Disperse blue 284

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 42783-06-2 |
| Formula: | C ₁₈ H ₁₉ N ₅ O ₈ S |
| Molecular Weight: | 465.44 |
| 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 | C.I. Disperse Blue 284 is a multifunctional dye widely used in biological experiments to observe and analyze cell structures, track biomolecules, evaluate cell functions, distinguish cell types, detect biomolecules, study tissue pathology, and monitor microorganisms. Its applications extend from basic scientific research to clinical diagnostics. Additionally, dyes like C.I. Disperse Blue 284 are extensively used in traditional fields such as textile dyeing, as well as in emerging fields including functional textile processing, food pigments, and dye-sensitized solar cells. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|-----------|
| 1 mM | 2.1485 mL | 10.7425 mL | 21.485 mL |
| 5 mM | 0.4297 mL | 2.1485 mL | 4.297 mL |
| 10 mM | 0.2149 mL | 1.0743 mL | 2.1485 mL |
| 50 mM | 0.043 mL | 0.2149 mL | 0.4297 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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