

Disperse polyester dark blue

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 56524-76-6 |
| Formula: | C16H14N2O4 |
| Molecular Weight: | 298.3 |
| Storage: | Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small> |

Biological Description

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|-------------|---|
| Description | Disperse Polyester Dark Blue is a redox agent that serves as a probe for identifying reactive oxygen species (ROS) in cells and tissues. By accepting electrons from reactive oxygen, it undergoes oxidation and emits a chemiluminescent signal. |
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Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.3523 mL | 16.7616 mL | 33.5233 mL |
| 5 mM | 0.6705 mL | 3.3523 mL | 6.7047 mL |
| 10 mM | 0.3352 mL | 1.6762 mL | 3.3523 mL |
| 50 mM | 0.067 mL | 0.3352 mL | 0.6705 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

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