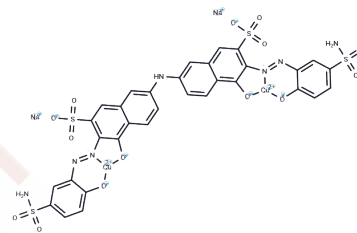


## C.I. Direct violet 66

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 6798-03-4   |
| Formula:          | C32H19Cu2N7Na2O14S4   |
| Molecular Weight: | 1026.86   |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | C.I. Direct Violet 66 is a multifunctional dye. Dyes are essential tools in 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. Their applications span basic scientific research to clinical diagnostics. Dyes are also widely used in traditional fields such as textile dyeing, as well as emerging fields like functional textile processing, food pigments, and dye-sensitized solar cells. |
| Targets(IC50) | Others   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.9738 mL | 4.8692 mL | 9.7384 mL |
| 5 mM  | 0.1948 mL | 0.9738 mL | 1.9477 mL |
| 10 mM | 0.0974 mL | 0.4869 mL | 0.9738 mL |
| 50 mM | 0.0195 mL | 0.0974 mL | 0.1948 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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