

## Vat Red 15

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 4216-02-8   |
| Formula:          | C <sub>26</sub> H <sub>12</sub> N <sub>4</sub> O <sub>2</sub>   |
| Molecular Weight: | 412.4   |
| 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   | Vat Red 15 (CI 71115) is a synthetic organic red dye used extensively in the textile industry for coloring cotton and other fibers. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.4248 mL | 12.1242 mL | 24.2483 mL |
| 5 mM  | 0.485 mL  | 2.4248 mL  | 4.8497 mL  |
| 10 mM | 0.2425 mL | 1.2124 mL  | 2.4248 mL  |
| 50 mM | 0.0485 mL | 0.2425 mL  | 0.485 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.

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