

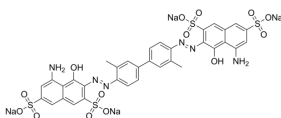
## Diphenyl Blue

|                |   |
|----------------|---|
| Cat. No.:      | HY-D0970  |
| CAS No.:       | 72-57-1   |
| Batch No.:     | 381829  |
| Chemical Name: | 2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(2,1-diazenediyl)] bis[5-amino-4-hydroxy-, sodium salt (1:4) |

### PHYSICAL AND CHEMICAL PROPERTIES

|                    |  |
|--------------------|--|
| Molecular Formula: | C <sub>34</sub> H <sub>24</sub> N <sub>6</sub> Na <sub>4</sub> O <sub>14</sub> S <sub>4</sub>  |
| Molecular Weight:  | 960.81   |
| Storage:           | 4°C, sealed storage, away from moisture and light<br>* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light) |

### Chemical Structure:



### ANALYTICAL DATA

|   |   |
|---|---|
| Appearance:                             | Light brown to black (Solid)  |
| Dye Content(Based on Nitrogen Content): | 45%   |
| Conclusion:                             | The product has been tested and complies with the given specifications. |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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