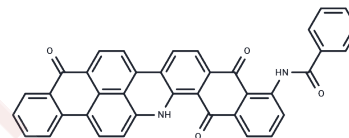


## Indanthren Olive GB

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 3772-98-3   |
| Formula:          | C <sub>38</sub> H <sub>20</sub> N <sub>2</sub> O <sub>4</sub>   |
| Molecular Weight: | 568.58  |
| 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   | Indanthren Olive GB is a versatile dye used extensively in biological research and various industrial applications. In scientific settings, dyes like this one enable the observation and analysis of cell structures, biomolecule tracking, cell function evaluation, cell type distinction, biomolecule detection, tissue pathology study, and microorganism monitoring. Their wide-ranging applications extend from fundamental scientific research to clinical diagnostics. Additionally, dyes play a significant role in traditional industries such as textile dyeing, as well as in new fields like functional textile processing, food pigments, and dye-sensitized solar cells. |
| Targets(IC50) | Others   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.7588 mL | 8.7938 mL | 17.5877 mL |
| 5 mM  | 0.3518 mL | 1.7588 mL | 3.5175 mL  |
| 10 mM | 0.1759 mL | 0.8794 mL | 1.7588 mL  |
| 50 mM | 0.0352 mL | 0.1759 mL | 0.3518 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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