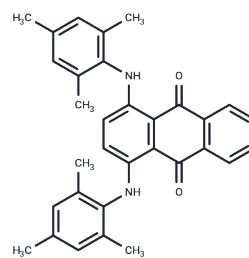


## 1,4-Bis(mesitylamino)anthraquinone

## Chemical Properties

CAS No. :	116-75-6
Formula:	C <sub>32</sub> H <sub>30</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	474.59
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	1,4-Bis(mesitylamino)anthraquinone functions as a versatile dye utilized across various domains. Dyes like this are crucial in biological experiments for observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Their usage extends from fundamental scientific research to a broad spectrum of clinical diagnostics. Additionally, dyes find extensive application in conventional areas such as textile dyeing and emerging industries, including functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1071 mL	10.5354 mL	21.0708 mL
5 mM	0.4214 mL	2.1071 mL	4.2142 mL
10 mM	0.2107 mL	1.0535 mL	2.1071 mL
50 mM	0.0421 mL	0.2107 mL	0.4214 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481