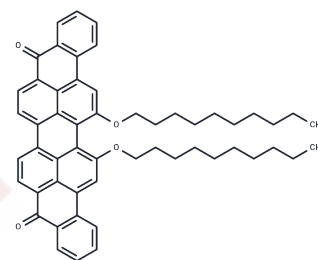


## 16,17-Bis(decyloxy)violanthrone

## Chemical Properties

CAS No. :	71550-33-9
Formula:	C <sub>54</sub> H <sub>56</sub> O <sub>4</sub>
Molecular Weight:	769.02
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	16,17-Bis(decyloxy)violanthrone serves as a multifunctional dye extensively utilized across various domains. In biological experiments, dyes facilitate the observation and analysis of cell structures, tracking of biomolecules, evaluation of cell functions, differentiation of cell types, detection of biomolecules, examination of tissue pathology, and monitoring of microorganisms. Their usage spans from fundamental scientific research to a broad spectrum of clinical diagnostics. Additionally, dyes play a critical role in traditional sectors like textile dyeing and are increasingly applied in emerging areas, including functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3004 mL	6.5018 mL	13.0036 mL
5 mM	0.2601 mL	1.3004 mL	2.6007 mL
10 mM	0.130 mL	0.6502 mL	1.3004 mL
50 mM	0.026 mL	0.130 mL	0.2601 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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