Data Sheet (Cat.No.T86747)

TargetMol

Isoviolanthrone

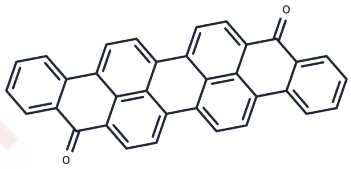
Chemical Properties

CAS No. : 128-64-3

Formula: C34H16O2

Molecular Weight: 456.49

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	Isoviolanthrone is a multifunctional dye used in biological experiments to help researchers observe and analyze cell structures, track biomolecules, evaluate cell functions, distinguish cell types, detect biomolecules, study tissue pathology, and monitor microorganisms. Its applications range from basic scientific research to clinical diagnostics. Dyes are also widely used in traditional fields such as textile dyeing, as well as emerging fields like functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1906 mL	10.9531 mL	21.9063 mL
5 mM	0.4381 mL	2.1906 mL	4.3813 mL
10 mM	0.2191 mL	1.0953 mL	2.1906 mL
50 mM	0.0438 mL	0.2191 mL	0.4381 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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