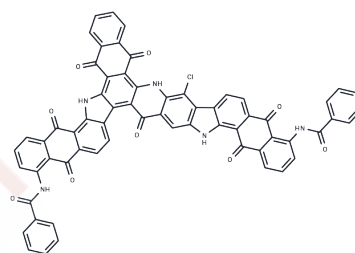


Indanthren Brown LMG

Chemical Properties

CAS No. :	4465-47-8
Formula:	C ₆₃ H ₃₀ ClN ₅ O ₉
Molecular Weight:	1036.39
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	Indanthren Brown LMG is a versatile dye that plays a crucial role in biological studies by enabling researchers to observe cell structures, track biomolecules, evaluate cell functions, differentiate cell types, detect biomolecules, study tissue pathology, and monitor microorganisms. Its applications span from basic scientific research to a wide range of clinical diagnostics. Additionally, dyes are extensively utilized in traditional fields like textile dyeing and in emerging areas such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9649 mL	4.8244 mL	9.6489 mL
5 mM	0.193 mL	0.9649 mL	1.9298 mL
10 mM	0.0965 mL	0.4824 mL	0.9649 mL
50 mM	0.0193 mL	0.0965 mL	0.193 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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