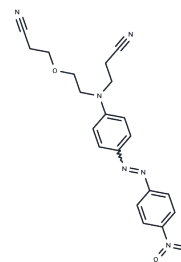


Disperse orange 80

Chemical Properties

CAS No. :	70210-10-5
Formula:	C ₂₀ H ₂₀ N ₆ O ₃
Molecular Weight:	392.41
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	Disperse Orange 80 is a multifunctional dye utilized in various applications, including biological experiments where dyes serve as essential tools. They facilitate the observation and analysis of cell structures, tracking of biomolecules, evaluation of cell functions, distinction of cell types, detection of biomolecules, study of tissue pathology, and monitoring of microorganisms. Their uses extend from fundamental scientific research to a broad spectrum of clinical diagnostics. Additionally, dyes find widespread application in traditional textile dyeing, as well as in emerging fields like functional textile processing, food pigmentation, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5484 mL	12.7418 mL	25.4836 mL
5 mM	0.5097 mL	2.5484 mL	5.0967 mL
10 mM	0.2548 mL	1.2742 mL	2.5484 mL
50 mM	0.051 mL	0.2548 mL	0.5097 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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