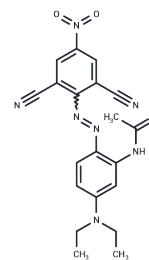


Disperse blue 165

Chemical Properties

CAS No. :	41642-51-7
Formula:	C ₂₀ H ₁₉ N ₇ O ₃
Molecular Weight:	405.41
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 Blue 165 is a multifunctional dye. Dyes are crucial tools in biological experiments, helping researchers observe and analyze cell structures, track biomolecules, evaluate cell functions, distinguish cell types, detect biomolecules, study tissue pathology, and monitor microorganisms. Their applications range from basic scientific research to clinical diagnostics. Dyes are also extensively used in traditional fields such as textile dyeing, as well as in emerging fields like functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4666 mL	12.3332 mL	24.6664 mL
5 mM	0.4933 mL	2.4666 mL	4.9333 mL
10 mM	0.2467 mL	1.2333 mL	2.4666 mL
50 mM	0.0493 mL	0.2467 mL	0.4933 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481