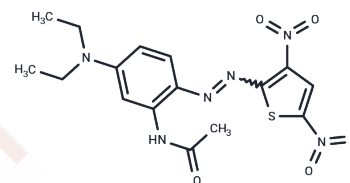


Disperse green 9

Chemical Properties

CAS No. :	58979-46-7
Formula:	C ₁₆ H ₁₈ N ₆ O ₅ S
Molecular Weight:	406.42
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 Green 9 is a multifunctional dye. Dyes are important tools in biological experiments as they help researchers observe 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 a wide range of clinical diagnostics. Dyes are also used in traditional fields such as textile dyeing, as well as in emerging fields such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4605 mL	12.3025 mL	24.6051 mL
5 mM	0.4921 mL	2.4605 mL	4.921 mL
10 mM	0.2461 mL	1.2303 mL	2.4605 mL
50 mM	0.0492 mL	0.2461 mL	0.4921 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