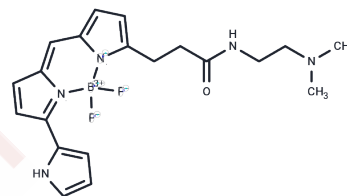


Dye 40

Chemical Properties

CAS No. :	220524-78-7
Formula:	C ₂₀ H ₂₄ BF ₂ N ₅ O
Molecular Weight:	399.25
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	Dye 40 is a multifunctional dye used in biological experiments to observe and analyze cell structures, track biomolecules, evaluate cell functions, distinguish cell types, detect biomolecules, study tissue pathology, and monitor microorganisms. Its applications span basic scientific research to clinical diagnostics, as well as traditional fields such as textile dyeing and emerging fields like functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5047 mL	12.5235 mL	25.047 mL
5 mM	0.5009 mL	2.5047 mL	5.0094 mL
10 mM	0.2505 mL	1.2523 mL	2.5047 mL
50 mM	0.0501 mL	0.2505 mL	0.5009 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