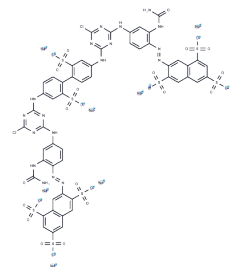


Procion Yellow H-E 4R

Chemical Properties

CAS No. :	68133-40-4
Formula:	C52H30Cl2N18Na8O26S8
Molecular Weight:	1834.24
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	Procion Yellow H-E 4R serves as a versatile dye utilized across various domains, including scientific research and industrial applications. This compound facilitates the observation and analysis of cell structures, tracking of biomolecules, evaluation of cell functions, differentiation of cell types, detection of biomolecules, investigation of tissue pathology, and monitoring of microorganisms. Its uses are not limited to scientific exploration but extend to clinical diagnostics, traditional textile dyeing, and innovative areas like functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5452 mL	2.7259 mL	5.4518 mL
5 mM	0.109 mL	0.5452 mL	1.0904 mL
10 mM	0.0545 mL	0.2726 mL	0.5452 mL
50 mM	0.0109 mL	0.0545 mL	0.109 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