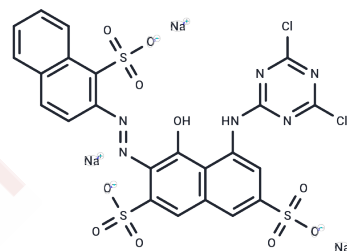


## Procion red MX 8B

## Chemical Properties

CAS No. :	57583-69-4
Formula:	C <sub>23</sub> H <sub>11</sub> Cl <sub>2</sub> N <sub>6</sub> Na <sub>3</sub> O <sub>10</sub> S <sub>3</sub>
Molecular Weight:	767.44
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 Red MX 8B, a multifunctional dye, serves as a crucial component in various scientific and industrial applications. In biological experiments, this dye enhances the visualization and analysis of cell structures, aids in tracking biomolecules, and assists in evaluating cell functions. It is pivotal in distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its utility spans from fundamental scientific research to broad diagnostic clinical uses. Beyond biomedical applications, Procion Red MX 8B is extensively utilized in the dyeing of textiles, functional textile processing, food pigment production, and the development of dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.303 mL	6.5152 mL	13.0303 mL
5 mM	0.2606 mL	1.303 mL	2.6061 mL
10 mM	0.1303 mL	0.6515 mL	1.303 mL
50 mM	0.0261 mL	0.1303 mL	0.2606 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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