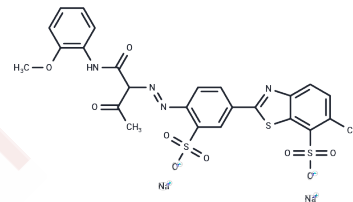


## C.I. Direct yellow 27

## Chemical Properties

CAS No. :	10190-68-8
Formula:	C <sub>25</sub> H <sub>20</sub> N <sub>4</sub> Na <sub>2</sub> O <sub>9</sub> S <sub>3</sub>
Molecular Weight:	662.62
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	C.I. Direct Yellow 27 is a multifunctional dye. Dyes are crucial tools in biological experiments, aiding researchers in observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Their applications span from basic scientific research to a wide range of 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	1.5092 mL	7.5458 mL	15.0916 mL
5 mM	0.3018 mL	1.5092 mL	3.0183 mL
10 mM	0.1509 mL	0.7546 mL	1.5092 mL
50 mM	0.0302 mL	0.1509 mL	0.3018 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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