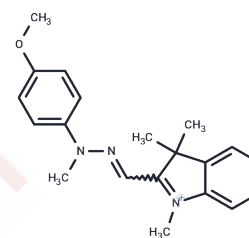


## Cationic golden yellow 2K

### Chemical Properties

CAS No. : 38936-35-5  
 Formula: C<sub>20</sub>H<sub>24</sub>ClN<sub>3</sub>O  
 Molecular Weight: 357.88  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
*Actual storage temperature shall be subject to the COA.*



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### Biological Description

Description	Cationic golden yellow 2K, a versatile dye, serves as a crucial tool in various biological experiments. This compound facilitates the observation and analysis of cell structures, tracking of biomolecules, evaluation of cell functions, differentiation of cell types, detection of biomolecules, examination of tissue pathology, and monitoring of microorganisms. Its applications extend beyond basic scientific research to encompass clinical diagnostics. Additionally, Cationic golden yellow 2K is commonly utilized in traditional industries like textile dyeing and emerging sectors, including functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7942 mL	13.9712 mL	27.9423 mL
5 mM	0.5588 mL	2.7942 mL	5.5885 mL
10 mM	0.2794 mL	1.3971 mL	2.7942 mL
50 mM	0.0559 mL	0.2794 mL	0.5588 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**

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