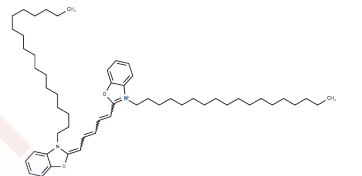


## Cy2 DiC18

## Chemical Properties

CAS No. : 68006-80-4  
 Formula: C<sub>55</sub>H<sub>87</sub>N<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 935.2  
 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	Cy2 DiC18, a member of the cyanine dye series, is a widely used fluorescent marker for biomolecules that can interact with biomolecules. Cyanine dyes may also bind to double-helical DNA through intercalation and exhibit enhanced fluorescence upon binding.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0693 mL	5.3464 mL	10.6929 mL
5 mM	0.2139 mL	1.0693 mL	2.1386 mL
10 mM	0.1069 mL	0.5346 mL	1.0693 mL
50 mM	0.0214 mL	0.1069 mL	0.2139 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