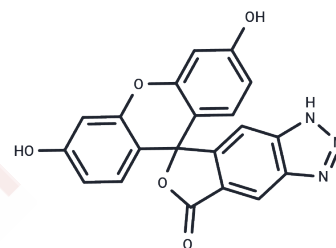


DAF-2T

## Chemical Properties

CAS No. : 208850-35-5  
 Formula: C<sub>20</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub>  
 Molecular Weight: 373.32  
 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	DAF-2T (Diaminofluorescein 2T) serves as a multifunctional dye utilized extensively across various domains. In the realm of biological experimentation, this dye 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 fundamental scientific research into clinical diagnostics, highlighting its broad utility. Additionally, DAF-2T is employed in more traditional sectors like textile dyeing and in newer areas such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6787 mL	13.3933 mL	26.7867 mL
5 mM	0.5357 mL	2.6787 mL	5.3573 mL
10 mM	0.2679 mL	1.3393 mL	2.6787 mL
50 mM	0.0536 mL	0.2679 mL	0.5357 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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