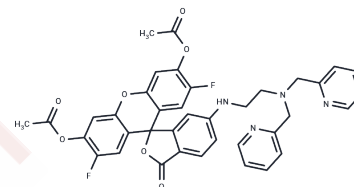


## ZnAF-2F DA

## Chemical Properties

CAS No. :	443302-10-1
Formula:	C <sub>38</sub> H <sub>30</sub> F <sub>2</sub> N <sub>4</sub> O <sub>7</sub>
Molecular Weight:	692.66
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	ZnAF-2F DA is a versatile dye that plays a critical role in biological research. It assists in observing and analyzing cellular structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its applications span from fundamental scientific research to diverse clinical diagnostics. Additionally, dyes are extensively utilized in traditional areas 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	1.4437 mL	7.2185 mL	14.4371 mL
5 mM	0.2887 mL	1.4437 mL	2.8874 mL
10 mM	0.1444 mL	0.7219 mL	1.4437 mL
50 mM	0.0289 mL	0.1444 mL	0.2887 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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