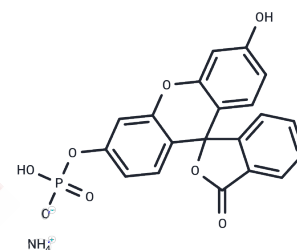


## Fluorescein-diphosphat ammonium

## Chemical Properties

CAS No. :	197777-68-7
Formula:	C <sub>20</sub> H <sub>16</sub> N <sub>0</sub> O <sub>8</sub> P
Molecular Weight:	429.32
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	Fluorescein-diphosphat (ammonium) serves as a versatile dye, playing a crucial role in biological research. It aids in observing cell structures, tracking biomolecules, evaluating cell functions, differentiating cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its applications extend from fundamental research to clinical diagnostics. Additionally, dyes are used extensively in traditional fields like textile dyeing and in emerging areas such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3293 mL	11.6463 mL	23.2926 mL
5 mM	0.4659 mL	2.3293 mL	4.6585 mL
10 mM	0.2329 mL	1.1646 mL	2.3293 mL
50 mM	0.0466 mL	0.2329 mL	0.4659 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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