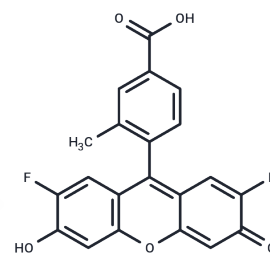


4-Carboxy-pennsylvania green

Chemical Properties

CAS No. :	879288-14-9
Formula:	C ₂₁ H ₁₂ F ₂ O ₅
Molecular Weight:	382.31
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	4-Carboxy-pennsylvania green, a versatile dye, serves as a critical tool in various biological experiments. Its uses extend to observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. The applications of this dye span from basic scientific research to a broad spectrum of clinical diagnostics. Additionally, it is extensively employed 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	2.6157 mL	13.0784 mL	26.1568 mL
5 mM	0.5231 mL	2.6157 mL	5.2314 mL
10 mM	0.2616 mL	1.3078 mL	2.6157 mL
50 mM	0.0523 mL	0.2616 mL	0.5231 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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