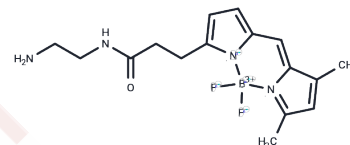


BODIPY FL EDA free base

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 220524-70-9 |
| Formula: | C ₁₆ H ₂₁ BF ₂ N ₄ O |
| Molecular Weight: | 334.17 |
| Storage: | Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|---|
| Description | ODIPY FL EDA free base, an amine-based green fluorescent probe, possesses an R-NH ₂ group able to undergo coupling with aldehydes or ketones, forming reversible Schiff base adducts. These intermediates can be subsequently converted into stable amine derivatives through reduction with agents like sodium borohydride or sodium cyanoborohydride. The compound is applicable in the detection of both modified and normal deoxynucleotides, as well as in illustrating DNA damage and genomic DNA methylation. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9925 mL | 14.9624 mL | 29.9249 mL |
| 5 mM | 0.5985 mL | 2.9925 mL | 5.985 mL |
| 10 mM | 0.2992 mL | 1.4962 mL | 2.9925 mL |
| 50 mM | 0.0598 mL | 0.2992 mL | 0.5985 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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