

TFMU-ADPr triethylamine

Chemical Properties

CAS No. :

Formula: C₂₅H₂₆F₃N₅O₁₆P₂.2.5C₆H₁₅N

Molecular Weight: 1024.42

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 | TFMU-ADPr triethylamine, a versatile substrate for evaluating poly(ADP-ribose) glycohydrolase (PARG) activity, enables direct measurement of total PAR hydrolase activity through the liberation of a fluorophore. With outstanding reactivity, generality, stability, and usability, it serves as an essential tool for the in vitro assessment of small-molecule inhibitors and exploration of the regulation of ADP-ribosyl catabolic enzymes [1]. |
| Targets(IC50) | Others,Poly(ADP-ribose) Glycohydrolase (PARG) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.9762 mL | 4.8808 mL | 9.7616 mL |
| 5 mM | 0.1952 mL | 0.9762 mL | 1.9523 mL |
| 10 mM | 0.0976 mL | 0.4881 mL | 0.9762 mL |
| 50 mM | 0.0195 mL | 0.0976 mL | 0.1952 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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