Data Sheet (Cat.No.T74511)

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TFMU-ADPr triethylamine

Chemical Properties

CAS No. :

Formula: C25H26F3N5O16P2.2.5C6H15N

Molecular Weight: 1024.42

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

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].

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.

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