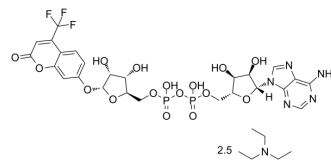


TFMU-ADPr triethylamine

Cat. No.:	HY-146248A
Molecular Formula:	C ₂₅ H ₂₆ F ₃ N ₅ O ₁₆ P ₂ ·2.5C ₆ H ₁₅ N
Molecular Weight:	1024.42
Target:	Poly(ADP-ribose) Glycohydrolase (PARG)
Pathway:	Cell Cycle/DNA Damage
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description

TFMU-ADPr triethylamine is a general substrate for monitoring poly(ADP-ribose) glycohydrolase (PARG) activity. TFMU-ADPr triethylamine can directly report on total PAR hydrolase activity via release of a fluorophore. TFMU-ADPr triethylamine has excellent reactivity, generality, stability, and usability. TFMU-ADPr triethylamine is a versatile tool for assessing small-molecule inhibitors in vitro and probing the regulation of ADP-ribosyl catabolic enzymes^[1].

REFERENCES

[1]. Drown BS, et al. Monitoring Poly(ADP-ribosyl)glycohydrolase Activity with a Continuous Fluorescent Substrate. Cell Chem Biol. 2018 Dec 20;25(12):1562-1570.e19.

Caution: Product has not been fully validated for medical applications. For research use only.

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