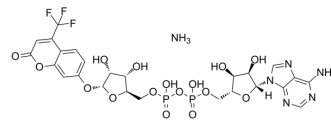


## TFMU-ADPr ammonium

Cat. No.:	HY-146248A
Molecular Formula:	C <sub>25</sub> H <sub>29</sub> F <sub>3</sub> N <sub>6</sub> O <sub>16</sub> P <sub>2</sub>
Molecular Weight:	788.47
Target:	Poly(ADP-ribose) Glycohydrolase (PARG)
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

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

### 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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