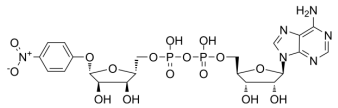
pNP-ADPr

Cat. No.:	HY-134354
CAS No.:	939028-75-8
Molecular Formula:	$C_{21}H_{26}N_6O_{16}P_2$
Molecular Weight:	680.41
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	pNP-ADPr is a colorimetric substrate that used for the first continuous Poly(ADP-ribose) glycohydrolase (PARG) and ADP-ribosyl hydrolase 3 (ARH3) activity assays. pNP-ADPr can be used for the research of poly(ADP-ribose)polymerase (PARP) enzymes[1][2].
In Vitro	pNP-ADPr is a colorimetric substrate that used for the first continuous Poly(ADP-ribose) glycohydrolase (PARG) and ADP-ribosyl hydrolase 3 (ARH3) activity assays[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

[2]. Nottbohm AC, et al. A colorimetric substrate for poly(ADP-ribose) polymerase-1, VPARP, and tankyrase-1. Angew Chem Int Ed Engl. 2007;46(12):2066-2069.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA