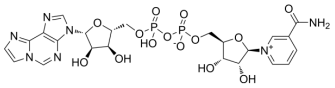
Nicotinamide 1,N6-ethenoadenine dinucleotide

Cat. No.:	HY-137592
CAS No.:	38806-38-1
Molecular Formula:	$C_{23}H_{27}N_7O_{14}P_2$
Molecular Weight:	687.45
Target:	Fluorescent Dye
Pathway:	Others
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	Nicotinamide 1,N6-ethenoadenine dinucleotide (ε-NAD) , a fluorescent analogue of NAD, is able to serve as a substrate for the bacterial toxincatalyzed G-ADP ribosylation of signal-transducing G-proteins. Nicotinamide 1,N6-ethenoadenine dinucleotide can be used as a fluorescent substrate for the studies of the ADP ribosylation reaction[1].

REFERENCES

[1]. Hingorani VN, et al. Fluorescent labeling of signal-transducing G-proteins. Pertussis toxin-catalyzed etheno-ADP ribosylation of transducin. J Biol Chem. 1988 Dec 25;263(36):19804-8.

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

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