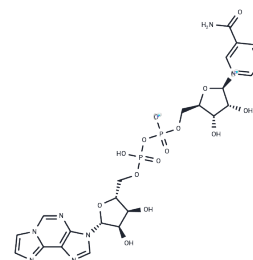


Nicotinamide 1,N6-ethenoadenine dinucleotide

Chemical Properties

CAS No. :	38806-38-1
Formula:	C ₂₃ H ₂₇ N ₇ O ₁₄ P ₂
Molecular Weight:	687.45
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Nicotinamide 1,N6-ethenoadenine dinucleotide (ε-NAD) is a fluorescent analog of NAD that serves as a fluorescent substrate for studying ADP-ribosylation reactions.
Targets(IC50)	GTPase

Solubility Information

Solubility	H ₂ O: 80 mg/mL (116.37 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4547 mL	7.2733 mL	14.5465 mL
5 mM	0.2909 mL	1.4547 mL	2.9093 mL
10 mM	0.1455 mL	0.7273 mL	1.4547 mL
50 mM	0.0291 mL	0.1455 mL	0.2909 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Hingorani VN, Ho YK. Fluorescent labeling of signal-transducing G-proteins. Pertussis toxin-catalyzed etheno-ADP ribosylation of transducin. J Biol Chem. 1988;263(36):19804-19808.

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