

beta- Nicotinamide- 1, N6- ethenoadenine dinucleotide (epsilon-NAD⁺) Biochemical

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CATALOG #
AAA52700

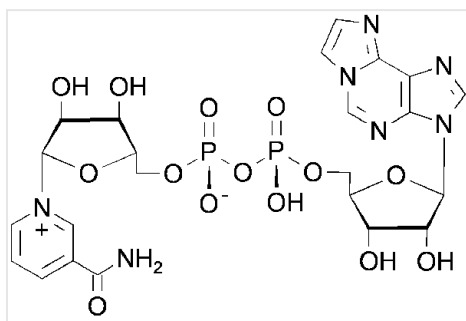
PRODUCT SYNONYMS

beta- Nicotinamide- 1; N6- ethenoadenine dinucleotide (epsilon-NAD⁺); N6- ethenoadenine dinucleotide (epsilon-NAD⁺) biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	> 95%
Unit Equivalent	10 umol is approximately equals to 6.9 mg
CAS No.	38806-38-1
Formula	C ₂₃ H ₂₇ N ₇ O ₁₄ P ₂
Preparation and Storage	At -70 degrees C

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for beta-Nicotinamide- 1, N6- ethenoadenine dinucleotide (epsilon-NAD⁺) biochemical

C₂₃H₂₇N₇O₁₄P₂; MW 687.5 (free acid); lambda_{max} 265 nm; epsilon 10200; sodium salt; purity > 95% HPLC.

For other salt forms or analogues please inquire. Fluorescent analogue of beta-NAD⁺ (lambda_{exc} 300 nm, lambda_{em} 410 nm) that can be used to analyse ADP-ribosylation, for fluorometric assays and for preparation of fluorescent poly-ADP-ribose. Detailed technical information and references available. References: Favilla & Mazzini, *Biochim. Biophys. Acta*, **788**, 48 - 57 (1984); Klebl & Pette, *Anal. Biochem.*, **239**, 145 - 152 (1996); Shirato et al., *Biochem. Biophys. Res. Commun.*, **355**, 451 - 456 (2007).

NCBI AND UNIPROT INFORMATION

Molecular Weight	687.5
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/beta-nicotinamide-1-n6-ethenoadenine-dinucleotide-epsilon-nad/52700>