DATA SHEET

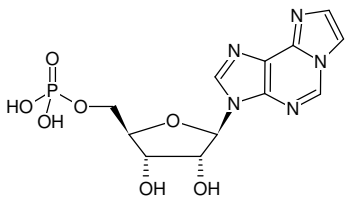
Jena Bioscience

Etheno-AMP (ε-AMP)

(1,N^6-Etheno-AMP)

1,N^6-Etheno-adenosine-5'-monophosphate, Sodium salt

Cat. No.	Amount
NU-1141S	500 µl (10 mM)
NU-1141L	5 x 500 µl (10 mM)



Structural formula of Etheno-AMP (ε-AMP)

For general laboratory use.

Shipping: shipped on gel packs

Storage Conditions: store at -20 °C

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

Shelf Life: 12 months after date of delivery

Molecular Formula: $C_{12}H_{14}N_5O_7P$ (free acid)

Molecular Weight: 371.25 g/mol (free acid)

Exact Mass: 371.06 g/mol (free acid)

CAS#: 103213-41-8

Purity: ≥ 95 % (HPLC)

Form: solution in water

Color: colorless to slightly yellow

Concentration: 10 mM - 11 mM

pH: 7.5 ±0.5

Spectroscopic Properties: λ_{max} 275 nm, ε 6.0 L $mmol^{-1}$ cm^{-1} (Tris-HCl pH 7.5), λ_{exc} 300 nm, λ_{em} 415 nm

Selected References:

Latchezar *et al.* (2001) β_2-Adrenoceptor-Mediated Prejunctional Facilitation and Postjunctional Inhibition of Sympathetic Neuroeffector Transmission in the Guinea Pig Vas Deferens. *J. Pharmacol. Exp. Ther.* **298**:623.

Vandenbunner *et al.* (1976) 1,N^6-Etheno-AMP and 1,N^6-etheno-2'-deoxy-AMP as probes of the activator site of glycogen phosphorylase from rabbit skeletal muscle. *Proc. Nat. Acad. Sci. USA.* **73 (8)**:2696.