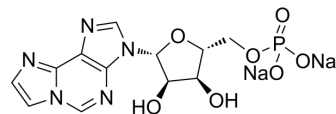


1,N6-Ethenoadenosine 5'-monophosphate sodium

Cat. No.:	HY-120993
CAS No.:	885597-18-2
Molecular Formula:	C ₁₂ H ₁₂ N ₅ Na ₂ O ₇ P
Molecular Weight:	415.21
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

1,N6-Ethenoadenosine 5'-monophosphate (1,N6-Etheno-AMP) sodium is a highly fluorescent analog of adenosine 5'-monophosphate (AMP). 1,N6-Ethenoadenosine 5'-monophosphate sodium is a powerful probe for systems involving adenosine 5'-monophosphate and can be detected at low concentration. 1,N6-Ethenoadenosine 5'-monophosphate sodium has long wavelength of excitation (250-300 nm), and emission at 415 nm^{[1][2]}.

REFERENCES

[1]. B Vandenbunder, et al. 1,N6-etheno-AMP and 1,N6-etheno-2'-deoxy-AMP as probes of the activator site of glycogen phosphorylase from rabbit skeletal muscle. Proc Natl Acad Sci U S A. 1976 Aug;73(8):2696-700.

[2]. J A Secrist 3rd, et al. Fluorescent modification of adenosine 3',5'-monophosphate: spectroscopic properties and activity in enzyme systems. Science. 1972 Jul 21;177(4045):279-80.

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

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