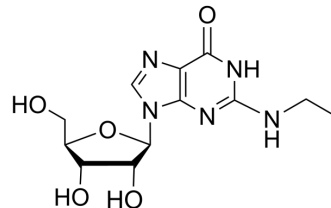


N2-Ethylguanosine

Cat. No.:	HY-152613
CAS No.:	77312-39-1
Molecular Formula:	C ₁₂ H ₁₇ N ₅ O ₅
Molecular Weight:	311.29
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

N2-Ethylguanosine is a purine nucleoside analog. Purine nucleoside analogs have broad antitumor activity targeting indolent lymphoid malignancies. Anticancer mechanisms in this process rely on inhibition of DNA synthesis, induction of apoptosis, etc^[1].

REFERENCES

- [1]. Lee J, et al. Molecular basis for the immunostimulatory activity of guanine nucleoside analogs: activation of Toll-like receptor 7. *Proc Natl Acad Sci U S A*. 2003 May 27;100(11):6646-51.
- [2]. Robak T, Robak P. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. *Curr Pharm Des*. 2012;18(23):3373-88.

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

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