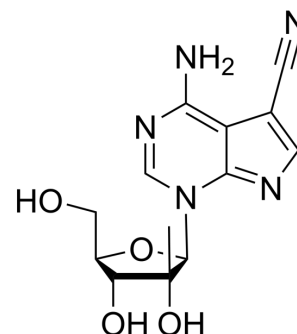


4-Amino-1-(2-C-methyl-β-D-ribofuranosyl)-1H-pyrrolo[2,3-d]pyrimidine-5-carbonitrile

Cat. No.:	HY-152718
CAS No.:	847651-51-8
Molecular Formula:	C ₁₃ H ₁₅ N ₅ O ₄
Molecular Weight:	305.29
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

4-Amino-5-cyano-1-(2-β-C-methyl-β-D-ribofuranosyl)-7H-pyrrolo[2.3-d]pyrimidine is a purine nucleoside analogue. 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]. 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA