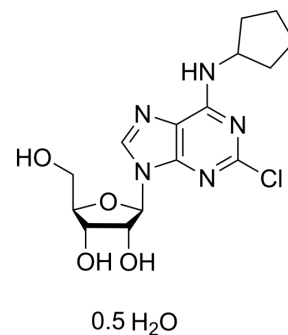


CCPA hemihydrate

Cat. No.:	HY-103185A
CAS No.:	1217443-91-8
Molecular Formula:	C ₁₅ H ₂₀ ClN ₅ O ₄ ·1/2H ₂ O
Molecular Weight:	378.81
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

CCPA hemihydrate 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][2]}.

REFERENCES

- [1]. Man S, et al. Potential and promising anticancer drugs from adenosine and its analogs. *Drug Discov Today*. 2021 Jun;26(6):1490-1500.
- [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.

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