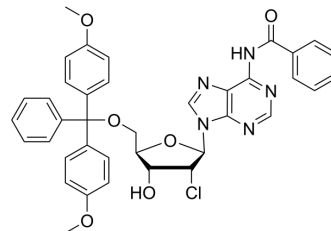


## N6-Benzoyl-2'-chloro-5'-O-(4,4'-dimethoxytrityl)-2'-deoxyadenosine

Cat. No.:	HY-154124
CAS No.:	2243079-24-3
Molecular Formula:	C <sub>38</sub> H <sub>34</sub> ClN <sub>5</sub> O <sub>6</sub>
Molecular Weight:	692.16
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

N6-Benzoyl-2'-chloro-5'-O-(4,4'-dimethoxytrityl)-2'-deoxyadenosine 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<sup>[1]</sup>.

### 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](mailto:tech@MedChemExpress.com)

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