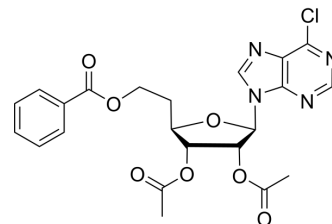


## 9-(2,3-Di-O-acetyl-6-O-benzoyl-5-deoxy-D-ribo-exofuranoyl)-6-chloropurine

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-154669                                                                                 |
| Molecular Formula: | C <sub>22</sub> H <sub>21</sub> ClN <sub>4</sub> O <sub>7</sub>                           |
| Molecular Weight:  | 488.88                                                                                    |
| 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

9-(2,3-Di-O-acetyl-6-O-benzoyl-5-deoxy-D-ribo-exofuranoyl)-6-chloropurine 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