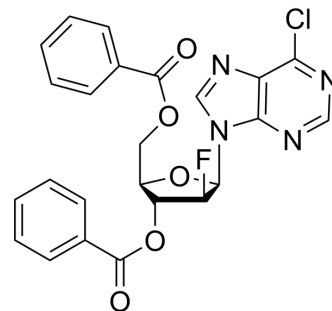


## 6-Chloro-9-(3,5-di-O-benzoyl-2-deoxy-2-fluoro-beta-D-arabinofuranosyl)-9H-purine

Cat. No.:	HY-W020420
CAS No.:	135473-15-3
Molecular Formula:	C <sub>24</sub> H <sub>18</sub> ClFN <sub>4</sub> O <sub>5</sub>
Molecular Weight:	496.87
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

6-Chloro-9-(3,5-di-O-benzoyl-2-deoxy-2-fluoro-beta-D-arabinofuranosyl)-9H-purine 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.**

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