## **Product** Data Sheet

## 5'-O-(4,4-Dimethoxytrityl)-2'-O-methyl inosine

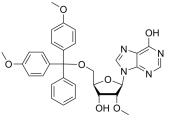
Cat. No.: HY-W395015 CAS No.: 128219-84-1 Molecular Formula:  $C_{32}H_{32}N_4O_7$  Molecular Weight: 584.62

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

5'-O-(4,4-Dimethoxytrityl)-2'-O-methyl inosine 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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