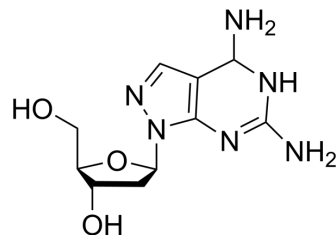


## 4,6-Diamino-1-(2-deoxy-beta-D-ribofuranosyl)-1H-pyrazolo[3,4-d]pyrimidine

Cat. No.:	HY-154046
CAS No.:	117818-23-2
Molecular Formula:	C <sub>10</sub> H <sub>16</sub> N <sub>6</sub> O <sub>3</sub>
Molecular Weight:	268.27
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

4,6-Diamino-1-(2-deoxy-beta-D-ribofuranosyl)-1H-pyrazolo[3,4-d]pyrimidine is a pyrimidine nucleoside analog. Pyrimidine nucleoside analogs have a wide range of biochemical and anticancer activities. These include DNA synthesis inhibition, RNA synthesis inhibition, antiviral effects, and immunomodulatory effects<sup>[1]</sup>.

### REFERENCES

[1]. Galmarini CM, et al. Pyrimidine nucleoside analogs in cancer treatment. *Expert Rev Anticancer Ther.* 2003 Oct;3(5):717-28.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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