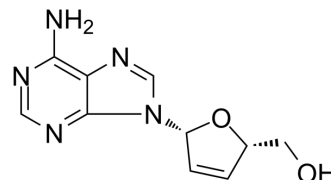


## beta-L-D4A

Cat. No.:	HY-100260
CAS No.:	7057-48-9
Molecular Formula:	C <sub>10</sub> H <sub>11</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	233.23
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	beta-L-D4A is a nucleoside HIV-1 reverse transcriptase inhibitor.
IC <sub>50</sub> & Target	HIV-1
In Vitro	beta-L-D4A is a nucleoside HIV-1 reverse transcriptase inhibitor. Results confirm that the biological activity of NSC 108602 is connected with the termination of the DNA chain synthesis in the 5'-3' direction <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Ponomareva AG, et al. Structural and energetic properties of the potential HIV-1 reverse transcriptase inhibitors d4A and d4G: a comprehensive theoretical investigation. J Biomol Struct Dyn. 2014;32(5):730-40.

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

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