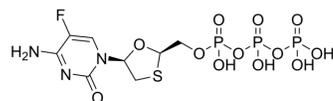


Emtricitabine triphosphate

Cat. No.:	HY-131596
CAS No.:	145819-92-7
Molecular Formula:	C ₈ H ₁₃ FN ₃ O ₁₂ P ₃ S
Molecular Weight:	487.19
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Emtricitabine triphosphate ((-)-Emtricitabine triphosphate) is the phosphorylated anabolite of Emtricitabine (HY-17427). Emtricitabine is a nucleoside reverse transcriptase inhibitor. Emtricitabine is antiretroviral agent for HIV and HBV infection^[1] [2].

REFERENCES

[1]. Frasca K, et al. Emtricitabine triphosphate in dried blood spots is a predictor of viral suppression in HIV infection and reflects short-term adherence to antiretroviral therapy. *J Antimicrob Chemother.* 2019 May 1;74(5):1395-1401.

[2]. Bang LM, et al. Emtricitabine: an antiretroviral agent for HIV infection. *Drugs.* 2003;63(22):2413-24; discussion 2425-6.

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

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