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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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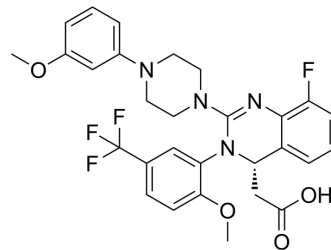
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Letermovir (Standard)

Cat. No.:	HY-15233R
CAS No.:	917389-32-3
Molecular Formula:	C ₂₉ H ₂₈ F ₄ N ₄ O ₄
Molecular Weight:	572.55
Target:	CMV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Letermovir (Standard) is the analytical standard of Letermovir. This product is intended for research and analytical applications. Letermovir (AIC246) is a potent inhibitor of CMV, which targets the viral terminase complex and remains active against virus resistant to DNA polymerase inhibitors.

REFERENCES

- [1]. Marschall M, et al. In vitro evaluation of the activities of the novel anticytomegalovirus compound AIC246 (letermovir) against herpesviruses and other human pathogenic viruses. *Antimicrob Agents Chemother.* 2012 Feb;56(2):1135-7.
- [2]. Goldner T, et al. The novel anticytomegalovirus compound AIC246 (Letermovir) inhibits human cytomegalovirus replication through a specific antiviral mechanism that involves the viral terminase. *J Virol.* 2011 Oct;85(20):10884-93.
- [3]. Lischka P, et al. In vitro and in vivo activities of the novel anticytomegalovirus compound AIC246. *Antimicrob Agents Chemother.* 2010 Mar;54(3):1290-7.
- [4]. Wildum S, et al. In vitro drug combination studies of Letermovir (AIC246, MK-8228) with approved anti-human cytomegalovirus (HCMV) and anti-HIV compounds in inhibition of HCMV and HIV replication. *Antimicrob Agents Chemother.* 2015;59(6):3140-8.

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

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