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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

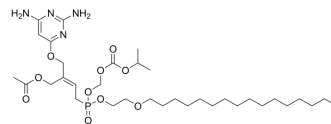
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

LAVR-289

Cat. No.:	HY-163525
Molecular Formula:	C ₃₄ H ₆₁ N ₄ O ₁₀ P
Molecular Weight:	716.84
Target:	HSV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

LAVR-289 is a [(Z)-3-(acetoxymethyl)-4-(2,4-diaminopyrimidin-6-yl)oxy-but-2-enyl]phosphonic acid prodrug with broad-spectrum anti-DNA virus activity. LAVR-289 can inhibit the activity of the wild-type (TK+) of varicella-zoster virus (VZV), thymidine kinase VZV-defective strain, human cytomegalovirus (HCMV), vaccinia virus (VV), and human herpesvirus 1 (HSV-1) (TK-) with EC₅₀ values of 3.5 nM, 18 nM, 21 nM, 50 nM, and 8.5 nM, respectively^[1].

REFERENCES

[1]. Bessières M, et al. Synthesis of LAVR-289, a new [(Z)-3-(acetoxymethyl)-4-(2,4-diaminopyrimidin-6-yl)oxy-but-2-enyl]phosphonic acid prodrug with pronounced antiviral activity against DNA viruses. *Eur J Med Chem.* 2024;271:116412.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA