



SZABO SCANDIC

Part of Europa Biosite

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

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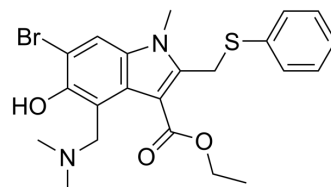
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Umifenovir (Standard)

Cat. No.:	HY-14904R
CAS No.:	131707-25-0
Molecular Formula:	C ₂₂ H ₂₅ BrN ₂ O ₃ S
Molecular Weight:	477.41
Target:	SARS-CoV; Influenza Virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Umifenovir (Standard) is the analytical standard of Umifenovir. This product is intended for research and analytical applications. Umifenovir is a potent, orally active broad-spectrum antiviral agent with activity against a number of enveloped and non-enveloped viruses. Umifenovir is used as an anti-influenza virus agent. Umifenovir could effectively inhibit the fusion of virus with host cells^{[1][2]}. Umifenovir is an efficient inhibitor of SARS-CoV-2 in vitro^[2]. Umifenovir shows anti-inflammatory activity^[3].

REFERENCES

- [1]. Julie Blaising, et al. Arbidol as a broad-spectrum antiviral: an update. *Antiviral Res.* 2014 Jul;107:84-94. doi: 10.1016/j.antiviral.2014.04.006. Epub 2014 Apr 24.
- [2]. Irina Leneva, et al. Antiviral Activity of Umifenovir In Vitro against a Broad Spectrum of Coronaviruses, Including the Novel SARS-CoV-2 Virus. *Viruses.* 2021 Aug 23;13(8):1665.
- [3]. Yutao Wang, et al. Inhibition of the infectivity and inflammatory response of influenza virus by Arbidol hydrochloride in vitro and in vivo (mice and ferret). *Biomed Pharmacother.* 2017 Jul;91:393-401.

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

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