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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

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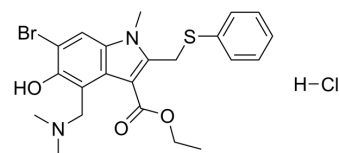
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Umifenovir hydrochloride (Standard)

Cat. No.:	HY-14904AR
CAS No.:	131707-23-8
Molecular Formula:	C ₂₂ H ₂₆ BrClN ₂ O ₃ S
Molecular Weight:	513.88
Target:	Influenza Virus; SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Umifenovir (hydrochloride) (Standard) is the analytical standard of Umifenovir (hydrochloride). This product is intended for research and analytical applications. Umifenovir hydrochloride is a potent, orally active broad-spectrum antiviral with activity against a number of enveloped and non-enveloped viruses. Umifenovir hydrochloride is used as an anti-influenza virus agent. Umifenovir hydrochloride could effectively inhibit the fusion of virus with host cells ^{[1][2]} . Umifenovir hydrochloride is an efficient inhibitor of SARS-CoV-2 in vitro. Anti-inflammatory activity ^[3] .
IC₅₀ & Target	Antiviral; Anti-influenza agent

REFERENCES

- [1]. Boriskin YS, et al. Arbidol: a broad-spectrum antiviral compound that blocks viral fusion. *Curr Med Chem.* 2008;15(10):997-1005.
- [2]. Liu Q, et al. Antiviral and anti-inflammatory activity of arbidol hydrochloride in influenza A (H1N1) virus infection. *Acta Pharmacol Sin.* 2013;34(8):1075-1083.
- [3]. Wang X, et al. The anti-influenza virus drug, arbidol is an efficient inhibitor of SARS-CoV-2 in vitro. *Cell Discov.* 2020;6:28. Published 2020 May 2.

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

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