



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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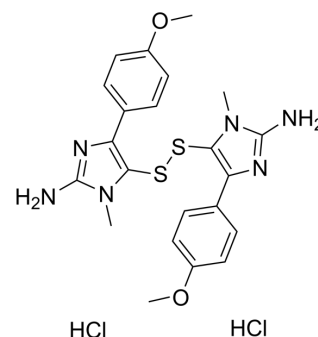
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Polycarpine hydrochloride

Cat. No.:	HY-N12697A
CAS No.:	175669-29-1
Molecular Formula:	C ₂₂ H ₂₆ Cl ₂ N ₆ O ₂ S ₂
Molecular Weight:	541.52
Target:	SARS-CoV; Virus Protease; Influenza Virus; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Polycarpine hydrochloride (1a) is a broad-spectrum Mpro inhibitor (IC ₅₀ = 30 nM) that can be isolated from the <i>Polycarpa aurata</i> and also serves as an anti-coronaviral agent. Polycarpine hydrochloride possesses antiviral and antifungal activities, with IC ₅₀ values of 30.0 nM and 0.12 μM against SARS-CoV-2 Mpro and PEDV Mpro, respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 30 nM (Mpro) ^[1] .

REFERENCES

[1]. Zhang J, et al. An ascidian *Polycarpa aurata*-derived pan-inhibitor against coronaviruses targeting M^{pro}. *Bioorg Med Chem Lett*. 2024;103:129706.

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

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