



SZABO SCANDIC

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Produktinformation



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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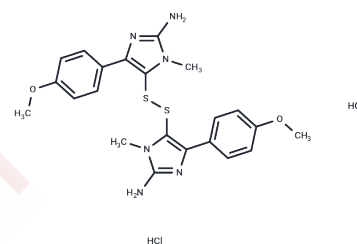
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Polycarpine hydrochloride

Chemical Properties

CAS No. :	175669-29-1
Formula:	C ₂₂ H ₂₆ Cl ₂ N ₆ O ₂ S ₂
Molecular Weight:	541.52
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Polycarpine hydrochloride (1a), a broad-spectrum Mpro inhibitor (IC ₅₀ = 30 nM), is sourced from Polycarpa aurata and functions as an anti-coronaviral agent. This compound exhibits both antiviral and antifungal properties, with IC ₅₀ values of 30.0 nM against SARS-CoV-2 Mpro and 0.12 μM against PEDV Mpro [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8467 mL	9.2333 mL	18.4665 mL
5 mM	0.3693 mL	1.8467 mL	3.6933 mL
10 mM	0.1847 mL	0.9233 mL	1.8467 mL
50 mM	0.0369 mL	0.1847 mL	0.3693 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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