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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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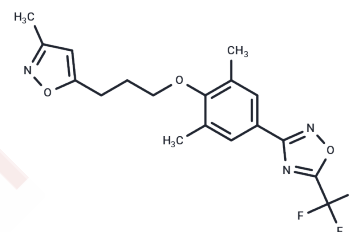
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Pleconaril

Chemical Properties

CAS No. :	153168-05-9
Formula:	C ₁₈ H ₁₈ F ₃ N ₃ O ₃
Molecular Weight:	381.35
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Pleconaril (VP 63843) is a capsid inhibitor used previously to treat enterovirus infections. Pleconaril is effective in inhibiting replication (IC ₅₀ : 50 nM).
Targets(IC ₅₀)	Virus Protease,Antiviral
In vitro	Pleconaril is a capsid inhibitor designed to dock within a hydrophobic pocket formed by the capsid proteins VP1, VP3 and VP2. Pleconaril leads to stiffening of the capsid structure, preventing RNA release into the cell.

Solubility Information

Solubility	DMSO: 50 mg/mL (131.11 mM),Heating is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6223 mL	13.1113 mL	26.2226 mL
5 mM	0.5245 mL	2.6223 mL	5.2445 mL
10 mM	0.2622 mL	1.3111 mL	2.6223 mL
50 mM	0.0524 mL	0.2622 mL	0.5245 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.

Reference

Benschop KS, et al. Genetic and antigenic structural characterization for resistance of echovirus 11 to pleconaril in an immunocompromised patient. J Gen Virol. 2015 Mar;96(Pt 3):571-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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