



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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Rilematovir

Chemical Properties

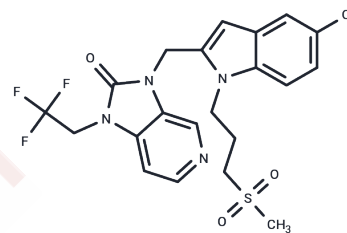
CAS No. : 1383450-81-4

Formula: C₂₁H₂₀ClF₃N₄O₃S

Molecular Weight: 500.92

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Rilematovir (JNJ-678) is an inhibitor of fusion protein with antiviral activity and low cytotoxicity. Rilematovir can be used in studies about respiratory syncytial virus treatment.
Targets(IC50)	EGFR,RSV
In vitro	Rilematovir is highly active against a number of RSV strains from both A and B subtypes, especially the A2 strain. The EC ₅₀ of HeLa cells is 460pM[1].
In vivo	Rilematovir efficiently suppresses established acute lower respiratory tract infection in the animals after oral treatment of neonatal lambs with Rilematovir, or with an equally active close analog[1].

Solubility Information

Solubility	DMSO: 58.5 mg/mL (116.8 mM),Sonication 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	1.9963 mL	9.9816 mL	19.9633 mL
5 mM	0.3993 mL	1.9963 mL	3.9927 mL
10 mM	0.1996 mL	0.9982 mL	1.9963 mL
50 mM	0.0399 mL	0.1996 mL	0.3993 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

Roymans D, et al. Therapeutic efficacy of a respiratory syncytial virus fusion inhibitor. Nat Commun. 2017 Aug 1;8 (1):167.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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