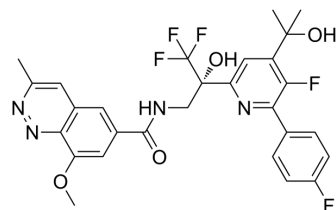


JNJ-8003

Cat. No.:	HY-149648		
Molecular Formula:	C ₂₈ H ₂₅ F ₅ N ₄ O ₄		
Molecular Weight:	576.51		
Target:	RSV		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (216.82 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.7346 mL	8.6729 mL	17.3458 mL
	5 mM		0.3469 mL	1.7346 mL	3.4692 mL
	10 mM		0.1735 mL	0.8673 mL	1.7346 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

JNJ-8003 is a potent inhibitor of RSV Polymerase. JNJ-8003 inhibits nucleotide polymerization of RNA transcription and replication at the early stages^[1].

REFERENCES

[1]. Yu X, et al. Structural and mechanistic insights into the inhibition of respiratory syncytial virus polymerase by a non-nucleoside inhibitor. Commun Biol. 2023 Oct 21;6(1):1074.

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

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