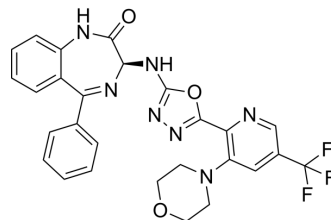


Zelicapavir

Cat. No.:	HY-147346		
CAS No.:	2070852-76-3		
Molecular Formula:	C ₂₇ H ₂₂ F ₃ N ₇ O ₃		
Molecular Weight:	549.5		
Target:	RSV		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (90.99 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.8198 mL	9.0992 mL	18.1984 mL
5 mM	0.3640 mL	1.8198 mL	3.6397 mL
10 mM	0.1820 mL	0.9099 mL	1.8198 mL

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

BIOLOGICAL ACTIVITY

Description Zelicapavir (RSV-IN-7) (example 253) is a RSV inhibitor (EC₅₀: < 0.4 μM)^[1].

IC₅₀ & Target RSV^[1]

REFERENCES

[1]. Shook Brian C., et al. Preparation of benzodiazepine derivatives for use as RSV inhibitors. Patent. WO2017015449 A1.

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

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