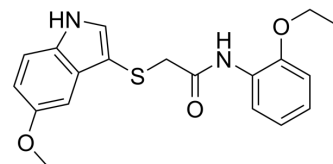


RSV/IAV-IN-2

Cat. No.:	HY-130627
CAS No.:	2395007-75-5
Molecular Formula:	C ₁₉ H ₂₀ N ₂ O ₃ S
Molecular Weight:	356.44
Target:	RSV; Influenza Virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (280.55 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.8055 mL	14.0276 mL	28.0552 mL
	5 mM		0.5611 mL	2.8055 mL	5.6110 mL
	10 mM		0.2806 mL	1.4028 mL	2.8055 mL

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

BIOLOGICAL ACTIVITY

Description

RSV/IAV-IN-2 (compound 14c) is a potent and dual inhibitor of RSV/IAV. RSV/IAV-IN-2 has lesser cytotoxicity than the clinical agent, Ribavirin. RSV/IAV-IN-2 has the potential for the research of RSV and/or IAV infections^[1].

REFERENCES

[1]. Zhang GN, et al. Design and synthesis of 2-((1H-indol-3-yl)thio)-N-phenyl-acetamides as novel dual inhibitors of respiratory syncytial virus and influenza virus A. Eur J Med Chem. 2020;186:111861.

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

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