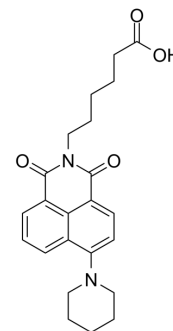


NS1-IN-1

Cat. No.:	HY-134922
CAS No.:	181373-35-3
Molecular Formula:	C ₂₃ H ₂₆ N ₂ O ₄
Molecular Weight:	394.46
Target:	Influenza Virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

NS1-IN-1 (compound 3) is a potent NS1 inhibitor. NS1 is a major influenza A virus virulence factor that inhibits host gene expression. NS1-IN-1 decreases viral protein levels, contributing to the reduction of virus replication. NS1-IN-1 shows antiviral activity by repressing the activity of mTORC1 in a TSC1-TSC2-dependent manner^[1].

REFERENCES

[1]. Miguel A Mata, et al. Chemical inhibition of RNA viruses reveals REDD1 as a host defense factor. Nat Chem Biol. 2011 Sep 11;7(10):712-9.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA