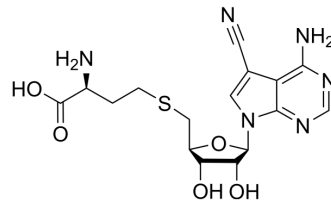


SS148

Cat. No.:	HY-124654
CAS No.:	1985669-27-9
Molecular Formula:	C ₁₆ H ₂₀ N ₆ O ₅ S
Molecular Weight:	408.43
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SS148 is a dual inhibitor of nsp14/nsp16 MTase. SS148 significantly inhibits nsp10–nsp16 with an IC₅₀ of 1.2 μM^{[1][2]}.

REFERENCES

- [1]. Nigam A, et al. Drug Discovery in Low Data Regimes: Leveraging a Computational Pipeline for the Discovery of Novel SARS-CoV-2 Nsp14-MTase Inhibitors. bioRxiv [Preprint]. 2023 Nov 13:2023.10.03.560722.
- [2]. Klima M, et al. Crystal structure of SARS-CoV-2 nsp10-nsp16 in complex with small molecule inhibitors, SS148 and WZ16. Protein Sci. 2022 Sep;31(9):e4395.

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