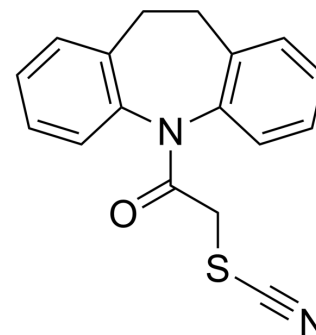


SARS-CoV-2 3CLpro-IN-16

Cat. No.:	HY-155979
CAS No.:	352659-40-6
Molecular Formula:	C ₁₇ H ₁₄ N ₂ OS
Molecular Weight:	294.37
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SARS-CoV-2 3CLpro-IN-16 (Compound 3a) is a covalent SARS-CoV-2 3CLpro inhibitor (IC ₅₀ : 2.124 μM). SARS-CoV-2 3CLpro-IN-16 binds to the active site and forms a covalent bond with Cys145 of 3CLpro ^[1] .
IC ₅₀ & Target	2.124 μM (SARS-CoV-2 3CLpro) ^[1]

REFERENCES

[1]. Ren P, et al. Discovery and Mechanism Study of SARS-CoV-2 3C-like Protease Inhibitors with a New Reactive Group. J Med Chem. 2023 Aug 18.

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