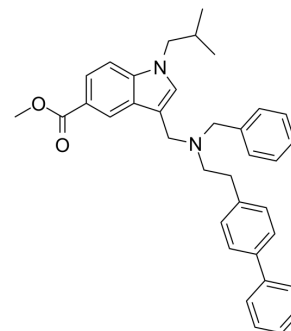


SP inhibitor 1

Cat. No.:	HY-144647
Molecular Formula:	C ₃₆ H ₃₈ N ₂ O ₂
Molecular Weight:	530.7
Target:	SARS-CoV; Virus Protease
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SP inhibitor 1 (compound 34) is a selective SARS-CoV-2 spike protein (SP) inhibitor with an IC₅₀ of 3.26 μM, >25 μM, >25 μM for SP, M^{Pro} and PL^{Pro} protein, respectively. SP inhibitor 1 is a vitro SARS-CoV-2 replication inhibitor at non-toxic concentrations (0.3250-5.98 μM). SP inhibitor 1 shows cellular antiviral activity^[1].

REFERENCES

[1]. Veronica Di Sarno, et al. Identification of a dual acting SARS-CoV-2 proteases inhibitor through in silico design and step-by-step biological characterization. Eur J Med Chem. 2021 Dec 15;226:113863.

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