SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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WU-04

Cat. No.: HY-149535

CAS No.: 2921711-74-0

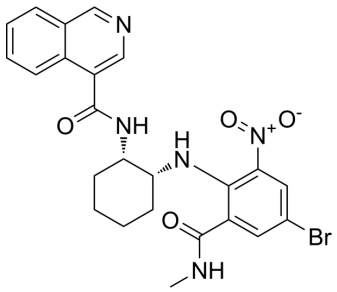
Molecular Formula: $C_{24}H_{24}BrN_5O_4$

Molecular Weight: 526.38

Target: SARS-CoV

Pathway: Anti-infection

Storage: 4°C, protect from light, stored under nitrogen
* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (189.98 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	1.8998 mL	9.4988 mL	18.9977 mL
	5 mM	0.3800 mL	1.8998 mL	3.7995 mL
	10 mM	0.1900 mL	0.9499 mL	1.8998 mL

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

BIOLOGICAL ACTIVITY

Description

WU-04 is a non-covalent inhibitor of SARS-CoV-2, targeting the 3CLpro protein. WU-04 has high inhibitory effect on the 3CLpro protein of 6 SARS-CoV-2 variants (Alpha, Beta, Gamma, Delta, Lambda and Omicron) and 2 coronaviruses (SARS-CoV and MERS-CoV)[1].

REFERENCES

[1]. Wu J, et al. The molecular mechanism of non-covalent inhibitor WU-04 targeting SARS-CoV-2 3CLpro and computational evaluation of its effectiveness against mainstream coronaviruses. Phys Chem Chem Phys. 2023 Sep 13;25(35):23555-23567.. .

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