



# 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

### SZABO-SCANDIC HandelsgmbH

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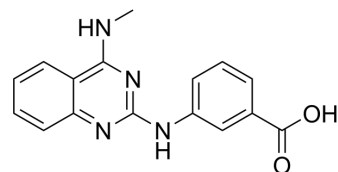
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## Covidcil-19

Cat. No.:	HY-W728005
CAS No.:	1225177-95-6
Molecular Formula:	C <sub>16</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	294.31
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Covidcil-19 (compound C5) avidly binds to the revised attenuator hairpin structure of the SARS-CoV-2 frameshifting element (FSE) with a  $K_d$  of 11 nM. Covidcil-19 stabilizes the hairpin's folded state and impairs frameshifting in cells. Covidcil-19 reduces frameshifting efficiency of the SARS-CoV-2 FSE and does not affect SARS-CoV-2 FSE RNA levels. Covidcil-19 inhibits a process essential for SARS-CoV-2 viral propagation<sup>[1]</sup>.

### REFERENCES

[1]. Hafeez S Haniff, et al. Targeting the SARS-CoV-2 RNA Genome with Small Molecule Binders and Ribonuclease Targeting Chimera (RIBOTAC) Degraders. ACS Cent Sci. 2020 Oct 28;6(10):1713-1721.

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

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