



# 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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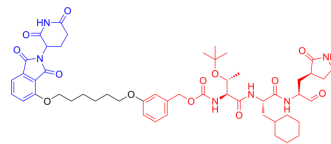
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## MPD2

Cat. No.:	HY-162464
Molecular Formula:	C <sub>51</sub> H <sub>68</sub> N <sub>6</sub> O <sub>13</sub>
Molecular Weight:	973.12
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

MPD2 is a PROTAC (Proteolysis Targeting Chimera) reducer that targets SARS-CoV-2's main protease (MPro). MPD2 reduces MPro protein levels through time-dependent, CRBN (Cereblon) mediated and proteasoma-driven mechanisms. MPD2 has the potential to be an antiviral small molecule compound against a variety of SARS-CoV-2 strains, including drug-resistant strains<sup>[1]</sup>.

## REFERENCES

[1]. Yugendar R. Alugubelli, et al. Discovery of First-in-Class PROTAC Degradors of SARS-CoV-2 Main Protease. *Journal of Medicinal Chemistry*. 2024 Apr 25;67(8):6495-6507.

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

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