



# 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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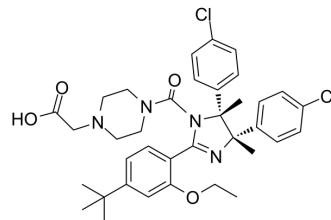
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## RG7112D

Cat. No.:	HY-158685
CAS No.:	2360561-90-4
Molecular Formula:	C <sub>36</sub> H <sub>42</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>4</sub>
Molecular Weight:	665.65
Target:	MDM-2/p53
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

RG7112D is a potent MDM2 inhibitor with IC<sub>50</sub>s of 11 nM and >10000 nM and for MDM2-p53 and VHL-HIF1 $\alpha$  by binding HTRF assay, respectively. RG7112D is coupled by an amide bond to VHL-Amine, resulting in a bi-functional molecule, YX-02-030. YX-02-03, a MDM2-PROTAC, potently inhibits MDM2-p53 binding (HTRF IC<sub>50</sub>=63nM). RG7112D can stabilize MDM2 protein and increase p53 protein levels<sup>[1]</sup>.

## REFERENCES

[1]. Clare M Adams, et al. Targeted MDM2 Degradation Reveals a New Vulnerability for p53-Inactivated Triple-Negative Breast Cancer. *Cancer Discov.* 2023 May 4;13(5):1210-1229.

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

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