



# 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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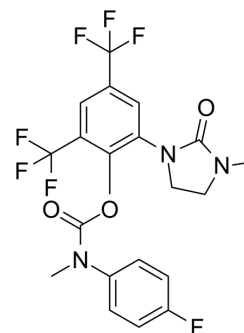
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## RTx-152

Cat. No.:	HY-161431
Molecular Formula:	C <sub>20</sub> H <sub>16</sub> F <sub>7</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	479.35
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

RTx-152 traps Polθ on DNA and is an allosteric Polθ-pol inhibitor (IC<sub>50</sub>: 6.2 nM). RTx-152 selectively kills HR-deficient cancer cells, and suppresses PARP inhibitor resistance in multiple genetic backgrounds, including homologous recombination (HR)-proficient cells. RTx-152 selectively kills BRCA2-null cells<sup>[1]</sup>.

### REFERENCES

[1]. Fried W, et al. Discovery of a small-molecule inhibitor that traps Polθ on DNA and synergizes with PARP inhibitors. Nat Commun. 2024 Apr 5;15(1):2862.

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

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