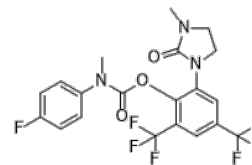


**Product Name** : RTx-152  
**Cat. No.** : PC-24443  
**CAS No.** : 3035072-48-8  
**Molecular Formula** : C<sub>20</sub>H<sub>16</sub>F<sub>7</sub>N<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** : 479.35  
**Target** : DNA/RNA Synthesis  
**Solubility** : 10 mM in DMSO



CAS: 3035072-48-8

### Biological Activity

RTx-152 (RTx152) is a potent, selective, allosteric DNA Polymerase  $\theta$  (Pol $\theta$ ) inhibitor with IC<sub>50</sub> of 6.2 nM, exhibits preferential killing of HR-deficient cells.

RTx-152 also exhibits synergistic activity with Olaparib in BRCA2-null cells.

### References

Fried W, et al. Nat Commun. 2024 Apr 5;15(1):2862.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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