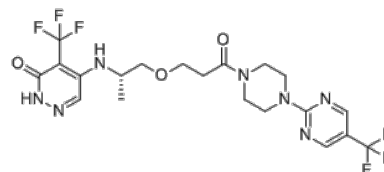


**Product Name** : RBN-2397  
**Cat. No.** : PC-72334  
**CAS No.** : 2381037-82-5  
**Molecular Formula** : C<sub>20</sub>H<sub>23</sub>F<sub>6</sub>N<sub>7</sub>O<sub>3</sub>  
**Molecular Weight** : 523.44  
**Target** : PARP  
**Solubility** : 10 mM in DMSO



### Biological Activity

RBN-2397 (Atamparib, RBN2397) is a potent, selective, orally active NAD<sup>+</sup> competitive inhibitor of **PARP7** with IC<sub>50</sub> of <3 nM and K<sub>d</sub> of <1 nM.

RBN-2397 restores cytosolic nucleic acid sensing and blocks cell proliferation in a human lung cancer cell line.

BN-2397 causes complete regressions in human NSCLC NCI-H1373 xenografts and dose-dependent pharmacodynamic effects. RBN-2397 induces tumor-specific adaptive immune memory in CT26 syngeneic model with durable complete responses.

### References

Joseph M Gozgit, et al. *Cancer Cell*. 2021 Sep 13;39(9):1214-1226.e10.

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

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