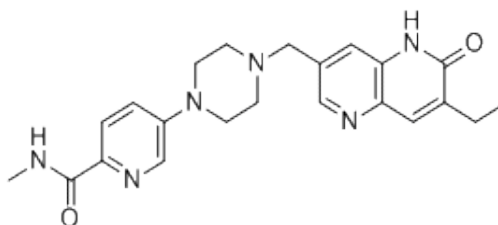


Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name :AZD5305
Cat.No. :URK-V1199
CAS No. :2589531-76-8
Molecular Formula :C₂₂H₂₆N₆O₂
Molecular Weight :406.49
Target :PARP
Solubility :



Biological Activity

AZD5305 (AZD-5305) is a potent, selective, orally active PARP1 inhibitor (IC₅₀=3 nM) and PARP1-DNA trapper. AZD5305 is highly selective for PARP1 over other PARP family members (PARP2 IC₅₀=1.4 μM), with good secondary pharmacology and physicochemical properties and excellent pharmacokinetics in preclinical species. AZD5305 reduced effects on human bone marrow progenitor cells in vitro, showed excellent in vivo efficacy in a BRCA mutant HBCx-17 PDX model.

References

1. Jeffrey W Johannes, et al. J Med Chem. 2021 Oct 14;64(19):14498-14512.

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

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

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