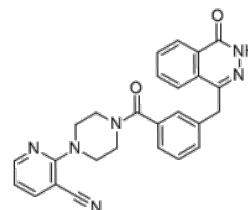


Product Name : AZ9482
Cat. No. : PC-62699
CAS No. : 1825345-33-2
Molecular Formula : C₂₆H₂₂N₆O₂
Molecular Weight : 450.502
Target : PARP
Solubility : 10 mM in DMSO



Biological Activity

AZ9482 is a potent **PARP** inhibitor with IC₅₀ of 1/1/46/9/160/640 nM for PAPR1/PARP2/PARP3/TNKS1/TNKS2/PAPR6 respectively.

AZ9482 blocks centrosome clustering in HeLa cell with IC₅₀ of <18 nM, shows activity in a Wnt pathway reporter assay, producing a DLD-1 firefly luciferase IC₅₀ of 222 nM.

AZ9482 has been utilized as in vitro tool and in vivo probe to investigate the biological consequences of inhibiting centrosome clustering through PARP enzymes.

References

Johannes JW, et al. *Bioorg Med Chem Lett*. 2015 Dec 15;25(24):5743-7.

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

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