

Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists.

 Product Name
 :
 AZ9482

 Cat. No.
 :
 PC-62699

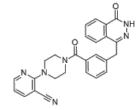
 CAS No.
 :
 1825345-33-2

 Molecular Formula
 :
 C₂₆H₂₂N₆O₂

 Molecular Weight
 :
 450.502

 Target
 :
 PARP

Solubility : 10 mM in DMSO



Biological Activity

AZ9482 is a potent **PARP i**nhibitor 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 bio- logical 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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