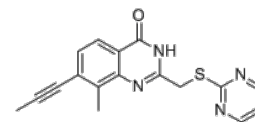


Product Name : PARP11 inhibitor ITK7
Cat. No. : PC-35720
CAS No. : 2411890-36-1
Molecular Formula : C₁₇H₁₄N₄OS
Molecular Weight : 322.386
Target : PARP
Solubility : 10 mM in DMSO



Biological Activity

PARP11 inhibitor ITK7 (ITK7) is a potent and selective **PARP11** inhibitor with IC₅₀ of 14 nM, displays >200-fold selectivity over other PARPs.

ITK7 exhibits a dose-dependent inhibition of PARP11-dependent auto-MARylation (EC₅₀=13 nM) in HeLa cells, does not inhibit H₂O₂-activated PARP1 autoPARylation, causes PARP11 to dissociate from the nuclear envelope.

References

Kirby IT, et al. **Cell Chem Biol.** 2018 Oct 18. pii: S2451-9456(18)30331-3

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

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