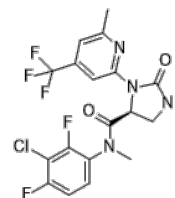


Product Name : PolQi1
Cat. No. : PC-24607
CAS No. : 2607139-80-8
Molecular Formula : C₁₈H₁₄ClF₅N₄O₂
Molecular Weight : 448.78
Target : DNA/RNA Synthesis
Solubility : 10 mM in DMSO



CAS: 2607139-80-8

Biological Activity

PolQi1 is a specific small molecule DNA polymerase theta (**PolΘ**) inhibitor with IC₅₀ of 2.48 μM (MH-mediated deletion), targets the polymerase domain of PolΘ.

References

Wimberger, S. et al. *Nat Commun.* 2023 Aug 14;14(1):4761.

Patent WO2021/028643.

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

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