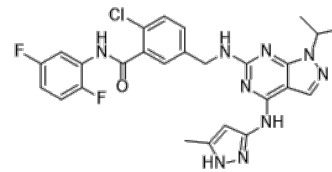


Product Name : CZS-241
Cat. No. : PC-25890
CAS No. : 3016297-55-2
Molecular Formula : C₂₆H₂₄ClF₂N₉O
Molecular Weight : 551.99
Target : Polo-like Kinase (PLK)
Solubility : 10 mM in DMSO



CAS: 3016297-55-2

Biological Activity

CZS-241 is a potent, selective **PLK4** inhibitor with IC₅₀ of 2.6 nM for PLK4, >1000-fold selective over TRKA. CZS-241 potently inhibits chronic myeloid leukemia (CML) cell lines K562 (IC₅₀ = 0.096 μM) and KU-812 (IC₅₀ = 0.25 μM). CZS-241 has high selectivity to other members of PLK family (PLK1-3), high homology kinases (Aurora B and TRK A/B). CZS-241 exhibited promising in vivo efficacy in the chronic myeloid leukemia (CML) K562 cells xenograft mouse model.

References

Yin Sun, et al. *J Med Chem*. 2023 Feb 23;66(4):2396-2421.

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

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