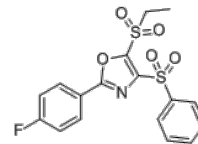


Product Name : T-521
Cat. No. : PC-63063
CAS No. : 891020-54-5
Molecular Formula : C₂₆H₂₇Cl₂N₅O₂
Molecular Weight : 512.43
Target : Polo-like Kinase (PLK)
Solubility : 10 mM in DMSO



Biological Activity

T-521 is a novel **PLK1 PBD** (Polo-box domain) inhibitor that specifically inhibits the PBD of PLK1 (IC₅₀=1.22 μM), but not those of Plk2-3.

T-521 impedes the interaction between Plk1 and Bub1, exhibits dramatic mitotic defects in HeLa cells.

T-521 suppresses the growth of A549 cells in xenograft nude mice.

References

Chen Y, et al. *Oncotarget*. 2017 Jan 3;8(1):1234-1246.

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

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