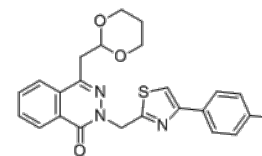


Product Name : PHT-7.3
Cat. No. : PC-72978
CAS No. : 1614225-93-2
Molecular Formula : C₂₄H₂₃N₃O₃S
Molecular Weight : 433.526
Target : Ras
Solubility : 10 mM in DMSO



Biological Activity

PHT-7.3 (Cnksr1 (Cnk1) inhibitor PHT-7.3) is a selective inhibitor of connector enhancer of kinase suppressor of **Ras 1 (Cnk1) pleckstrin homology (PH) domain** (K_d=4.7 μM).

PHT-7.3 bound selectively to the PH domain of Cnk1, preventing plasma membrane colocalization with mut-KRas. PHT-7.3 inhibits mut-KRas, but not wild-type KRas cancer cell and tumor growth and signaling.

References

Martin Indarte, et al. *Cancer Res.* 2019 Jun 15;79(12):3100-3111.

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

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