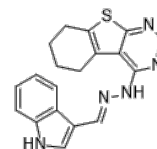


Product Name : B32B3
Cat. No. : PC-25660
CAS No. : 294193-86-5
Molecular Formula : C₁₉H₁₇N₅S
Molecular Weight : 347.44
Target : Other Targets
Solubility : 10 mM in DMSO



CAS: 294193-86-5

Biological Activity

B32B3 is a specific, small-molecule inhibitor of **DCAF1** (Vpr-binding protein, **VprBP**) with IC₅₀ of 0.6 μM, selectively inhibits H2AT120p with IC₅₀ of 0.5 μM.

B32B3 has >100-fold selectivity for VprBP over 33 other kinases.

B32B3 reactivates growth regulatory genes and impede tumor growth.

B32B3 (5 mg/kg twice a week over 3 weeks) display anticancer properties in DU145 xenografts.

References

Ghate NB, et al. *Mol Oncol.* 2021 Oct;15(10):2801-2817.

Kim K, et al. *Mol Cell.* 52, 459–467.

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

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