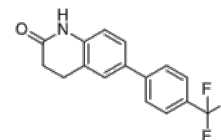


Product Name : GSK-1
Cat. No. : PC-62336
CAS No. : 912953-25-4
Molecular Formula : C₁₆H₁₂F₃NO
Molecular Weight : 291.273
Target : Kinesin
Solubility : 10 mM in DMSO



Biological Activity

GSK-1 is an ATP-competitive inhibitor of the mitotic kinesin **KSP** with HCT116 cell IC₅₀ of 36 nM.

GSK-1 induces monopolar spindle formation in SKOV3 cells, and shows markedly greater potency (IC₅₀ of 0.5 nM) in the ispinesib-resistant HCT116-D130V cell line.

References

Luo L, et al. *Nat Chem Biol*. 2007 Nov;3(11):722-6.

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

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