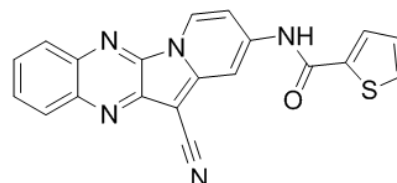


Product Name : HI-TOPK-032
Cat. No. : PC-42404
CAS No. : 487020-03-1
Molecular Formula : C₂₀H₁₁N₅OS
Molecular Weight : 369.4
Target : TOPK
Solubility : DMSO: ≥7.5 mg/mL



Biological Activity

HI-TOPK-032 is a novel potent, specific **TOPK** inhibitor that has no effect on ERK1, JNK1, or p38 kinase activity. HI-TOPK-032 also weakly inhibits MEK1 (40% inhibition at 5 μM). HI-TOPK-032 inhibits anchorage-dependent and -independent colon cancer cell growth by reducing ERK-RSK phosphorylation. HI-TOPK-032 suppresses tumor growth in a colon cancer xenograft model.

References

- Kim DJ, et al. *Cancer Res.* 2012 Jun 15;72(12):3060-8.
Joel M, et al. *Mol Cancer.* 2015 Jun 17;14:121.
Wang MY, et al. *Oncotarget.* 2016 May 3;7(18):26604-16.

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

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