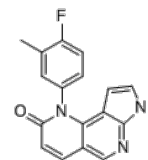


Product Name : STK16-IN-1
Cat. No. : PC-62875
CAS No. : 1223001-53-3
Molecular Formula : C₁₇H₁₂FN₃O
Molecular Weight : 293.301
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

STK16-IN-1 is a potent, highly selective ATP competitive **STK16** inhibitor with IC₅₀ of 0.295 uM, displays excellent selectivity across the kinome.

STK16-IN-1 treatment results in a reduction in cell number and accumulation of binucleated cells after treatment in MCF-7 cells.

Co-treatment of STK16-IN-1 with chemotherapeutics such as cisplatin, doxorubicin, colchicine, and paclitaxel results in a slight potentiation of the antiproliferative effects of the chemotherapeutics.

References

Liu F, et al. ACS Chem Biol. 2016 Jun 17;11(6):1537-43.

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

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