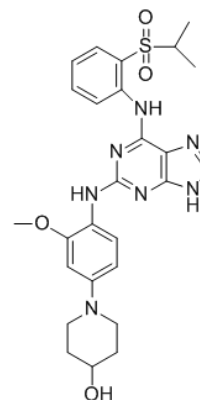


Product Name : Mps1-IN-3
Cat. No. : PC-43017
CAS No. : 1609584-72-6
Molecular Formula : C₂₆H₃₁N₇O₄S
Molecular Weight : 537.6339
Target : Monopolar Spindle 1 (Mps1/TTK)
Solubility : 10 mM in DMSO



Biological Activity

Mps1-IN-3 is a selective and highly potent **Mps1** kinase inhibitor with IC₅₀ of 50 nM.

Mps1-IN-3 causes mitotic aberrancies in glioblastoma cells and, in combination with vincristine, induces mitotic checkpoint override, increases aneuploidy and augments cell death.

Mps1-IN-3 sensitizes glioblastoma cells to vincristine in orthotopic mouse models, resulting in prolonged survival without toxicity.

References

Tannous BA, et al. *J Natl Cancer Inst.* 2013 Sep 4;105(17):1322-31.

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

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