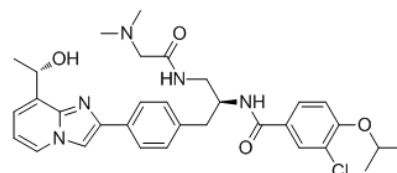


Product Name : GSK-923295
Cat. No. : PC-42514
CAS No. : 1088965-37-0
Molecular Formula : C₃₂H₃₈ClN₅O₄
Molecular Weight : 592.1282
Target : Kinesin
Solubility : 10 mM in DMSO



Biological Activity

The first potent, allosteric inhibitor of CENP-E kinesin motor ATPase activity with K_i of 3.2 nM; shows excellent selectivity against a panel of mitotic human kinesins; exhibits inhibition of cell proliferation in a broad panel of human cancer cell lines and induces mitotic arrest leading to apoptosis and cell death (SKOV-3 IC₅₀=22 nM; Colo205 IC₅₀=22 nM); induces tumor regressions in vivo.

Solid Tumors
Phase 1 Clinical

References

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Qian X, et al. ACS Med Chem Lett. 2010 Jan 19;1(1):30-4.

Balamuth NJ, et al. Cancer Res. 2010 Apr 1;70(7):2749-58.

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

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