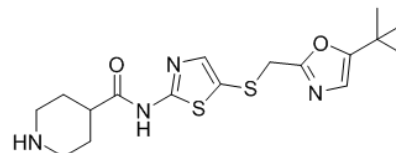


Product Name : SNS-032
Cat. No. : PC-42052
CAS No. : 345627-80-7
Molecular Formula : C₁₇H₂₄N₄O₂S₂
Molecular Weight : 380.528
Target : Cyclin-dependent Kinase (CDK)
Solubility : 10 mM in DMSO



Biological Activity

SNS-032 (BMS-387032) is a potent and selective inhibitor of **CDK 2/7/9** with IC₅₀ of 48 nM/62 nM/4 nM, respectively; displays 10- and 20-fold selective over CDK1/cycB and CDK4/cycD (IC₅₀=480 and 925 nM) respectively, and a panel of unrelated kinases, respectively; blocks the cell cycle via inhibition of CDKs 2 and 7, and transcription via inhibition of CDKs 7 and 9, has an A2780 cellular cytotoxicity assay IC₅₀ of 95 nM; exhibits a efficacy profile in A2780 human ovarian carcinoma xenograft model.

Blood Cancer

Phase 2 Discontinued

References

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

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