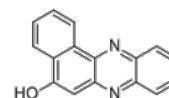


Product Name : sAJM-589
Cat. No. : PC-60241
CAS No. : 2089-82-9
Molecular Formula : C₁₆H₁₀N₂O
Molecular Weight : 246.269
Target : c-Myc
Solubility : 10 mM in DMSO



Biological Activity

sAJM-589 (sAJM589) is a novel, potent small molecule **Myc** inhibitor that disrupts the **Myc-Max** leucine-zipper heterodimer with IC₅₀ of 1.8 uM.

sAJM-589 preferentially inhibits transcription of MYC target genes in P493-6 cell.

sAJM-589 suppresses cellular proliferation in diverse MYC-dependent cancer cell lines, including P493-6, Ramos, HL-60 and KG1a (IC₅₀=0.8-2 uM).

sAJM-589 reduces Myc protein levels in these cells, possibly by promoting ubiquitination and degradation of Myc protein.

References

Choi SH, et al. **ACS Chem Biol.** 2017 Oct 4. doi: 10.1021/acscchembio.7b00799.

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

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