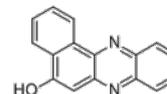


**Product Name** : sAJM-589  
**Cat. No.** : PC-60241  
**CAS No.** : 2089-82-9  
**Molecular Formula** : C<sub>16</sub>H<sub>10</sub>N<sub>2</sub>O  
**Molecular Weight** : 246.269  
**Target** : c-Myc  
**Solubility** : 10 mM in DMSO



## Biological Activity

sAJM-589 (sAJM589) is a novel, potent small molecule **Myc** inhibitor that disrupts the **Myc-Max** leucine-zipper heterodimer with IC<sub>50</sub> 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 (IC<sub>50</sub>=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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