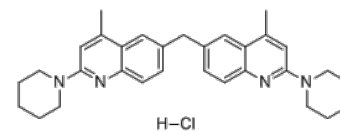


**Product Name** : NSC13728 hydrochloride  
**Cat. No.** : PC-20799  
**CAS No.** : 5463-36-5  
**Molecular Formula** : C<sub>31</sub>H<sub>37</sub>ClN<sub>4</sub>  
**Molecular Weight** : 501.12  
**Target** : c-Myc  
**Solubility** : 10 mM in DMSO



## Biological Activity

NSC13728 hydrochloride is a specific small molecule stabilizer of the Max homodimer inhibiting Myc function, also inhibits Myc-Max heterodimerization.

NSC13728 does not significantly enhance DNA binding of the Myc-Max heterodimer or of the Max homodimer, as determined by EMSA analysis.

NSC13728 reduces the association of Myc with Max in a dose-dependent manner in MCF7-35IM cells.

NSC13728 inhibited the Myc-induced formation of transformed cell foci in CEF and growth inhibition in Q8 cells with IC<sub>50</sub> of 3 μM.

NSC13728 inhibits growth and complements growth reduction by ICI 182,780 in MCF7-35IM cells.

## References

Hao Jiang, et al. Mol Pharmacol. 2009 Sep;76(3):491-502.

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

E-mail: tech@probechem.com