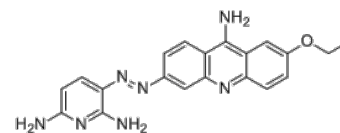


**Product Name** : MYCMI-6  
**Cat. No.** : PC-35303  
**CAS No.** : 681282-09-7  
**Molecular Formula** : C<sub>20</sub>H<sub>19</sub>N<sub>7</sub>O  
**Molecular Weight** : 373.42  
**Target** : c-Myc  
**Solubility** : 10 mM in DMSO



## Biological Activity

MYCMI-6 (NSC354961) is a selective, high affinity inhibitor of **MYC-MAX interaction**, blocks MYC-driven transcription and binds selectively to the MYC bHLHZip domain with K<sub>d</sub> of 1.6 μM in SPR assay.

MYCMI-6 specifically targets MYC:MAX interaction without interfering with other MYC activities.

MYCMI-6 selectively suppresses MYC-driven tumor cell growth with high efficacy, efficiently inhibits anchorage-independent growth of MYCN-amplified neuroblastoma cells with GI<sub>50</sub> values of <0.4, 5 and 0.75 μM, respectively.

MYCMI-6 reduces proliferation and induces massive apoptosis in tumor tissue from a MYC-driven xenograft tumor model without severe side effects

## References

Castell A, et al. *Sci Rep.* 2018 Jul 3;8(1):10064.

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

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