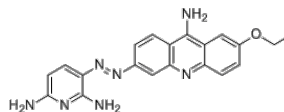


|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>      | : MYCMI-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>          | : NSC354961;MYCMI6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Cat No.</b>           | : M15600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>CAS Number</b>        | : 681282-09-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Molecular Formula</b> | : C <sub>20</sub> H <sub>19</sub> N <sub>7</sub> O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Formula Weight</b>    | : 373.42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Chemical Name</b>     | : (E)-3-((9-amino-7-ethoxyacridin-3-yl)diazenyl)pyridine-2,6-diamine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>       | <p>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 uM in SPR assay; specifically targets MYC:MAX interaction without interfering with other MYC activities, 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 &lt;0.4, 5 and 0.75 μM, respectively; reduces proliferation and induces massive apoptosis in tumor tissue from a MYC-driven xenograft tumor model without severe side effects</p> |
| <b>Pathway</b>           | : Cell Cycle/DNA Damage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Target</b>            | : c-Myc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Receptor</b>          | : c-Myc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Solubility</b>        | : —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>SMILES</b>            | : <chem>CCOC1=CC2=C(C3=C(C=C(C=C3)N=NC4=C(N=C(C=C4)N)N)N=C2C=C1)N</chem>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>           | : (-20°C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Stability</b>         | : ≥ 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reference</b>         | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



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