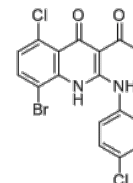


**Product Name** : KSI-3716  
**Cat. No.** : PC-38693  
**CAS No.** : 1151813-61-4  
**Molecular Formula** : C<sub>17</sub>H<sub>11</sub>BrCl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 426.091  
**Target** : c-Myc  
**Solubility** : 10 mM in DMSO



### Biological Activity

KSI-3716 is a small molecule **c-MYC** inhibitor that blocks c-MYC/MAX binding to target gene promoters, inhibits c-MYC mediated transcriptional activity at concentrations as low as 1 uM.

KSI-3716 markedly decreased the expression of c-MYC target genes, such as cyclin D2, CDK4 and hTERT, exerted cytotoxic effects on bladder cancer cells by inducing cell cycle arrest and apoptosis.

KSI-3716 (5 mg/kg) significantly suppressed tumor growth with minimal systemic toxicity.

KSI-3716 combined with gemcitabine inhibited gemcitabine-resistant cell proliferation to a great extent than each drug alone both in vitro and in vivo.

### References

Jeong KC, et al. *J Urol.* 2014 Feb;191(2):510-8.

Seo HK, et al. *Oncotarget.* 2014 Jan 30;5(2):326-37.

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

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