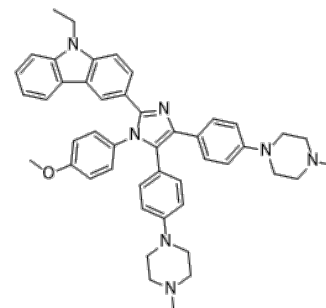


**Product Name** : IZCZ-3  
**Cat. No.** : PC-27086  
**CAS No.** : 2223019-53-0  
**Molecular Formula** : C<sub>46</sub>H<sub>49</sub>N<sub>7</sub>O  
**Molecular Weight** : 715.95  
**Target** : c-Myc  
**Solubility** : 10 mM in DMSO



## Biological Activity

IZCZ-3 is a potent, small molecule inhibitor of **c-MYC** transcription inhibitor, binds and stabilizes the **c-MYC G-quadruplex**. IZCZ-3 provokes cell cycle arrest and apoptosis and inhibits cell growth, primarily by blocking c-MYC transcription through specific targeting of the promoter G-quadruplex structure. IZCZ-3 effectively suppressed tumor growth in a mouse xenograft model.

## References

Hu MH, et al. *J Med Chem.* 2018 Mar 22;61(6):2447-2459.

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

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