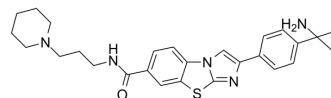


## c-Myc inhibitor 9

Cat. No.:	HY-148839
CAS No.:	2799717-96-5
Molecular Formula:	C <sub>27</sub> H <sub>31</sub> N <sub>5</sub> OS
Molecular Weight:	473.63
Target:	c-Myc
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	c-Myc inhibitor 9 (compound 332) is a c-Myc inhibitor with an logEC <sub>50</sub> of ≥6. c-Myc inhibitor 9 inhibits tumor growth in nude mouse models. c-Myc inhibitor 9 can be used for cancer research <sup>[1]</sup> .
<b>In Vitro</b>	c-Myc inhibitor 9 shows Myc efficacy with an logEC <sub>50</sub> of ≥6 in A549 cells expressing c-Myc <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
<b>In Vivo</b>	c-Myc inhibitor 9 (3 mg/kg; i.p., twice a week for 49 days) effectively inhibits tumor growth in nude mice with A549 xenografts <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
<b>Animal Model:</b>	NMRI female nude mice with A549 xenografts <sup>[1]</sup>
<b>Dosage:</b>	3 mg/kg
<b>Administration:</b>	Intraperitoneal injection; 3 mg/kg, twice a week, for 49 days
<b>Result:</b>	Reduced tumor volume.

### REFERENCES

[1]. Sheppard, David William, et al. Preparation of heteroaryl compounds as c-MYC mRNA translation modulators and uses thereof in the treatment of cancer. WO2022150316. 2022.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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