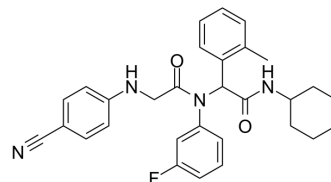


## IDH-C227

<b>Cat. No.:</b>	HY-136686
<b>CAS No.:</b>	1355324-14-9
<b>Molecular Formula:</b>	C <sub>30</sub> H <sub>31</sub> FN <sub>4</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	498.59
<b>Target:</b>	Isocitrate Dehydrogenase (IDH)
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

<b>Description</b>	IDH-C227 is a potent and selective IDH1 <sup>R132H</sup> inhibitor. IDH-C227 has anticancer effects <sup>[1]</sup> .
<b>In Vitro</b>	IDH-C227 shows anticancer effects, with IC <sub>50</sub> values of <0.1 μM and 0.25 μM against HT1080 and U87MG cells, respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Hanumantha Rao Madala, et al. Beyond Brooding on Oncometabolic Havoc in IDH-Mutant Gliomas and AML: Current and Future Therapeutic Strategies. *Cancers* (Basel). 2018 Feb 11;10(2):49.

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

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