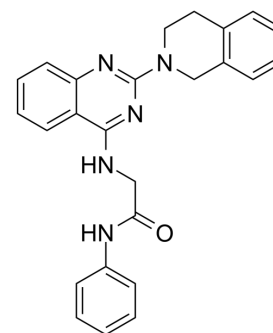


## Influenza A virus-IN-6

Cat. No.:	HY-146360
CAS No.:	2464415-31-2
Molecular Formula:	C <sub>25</sub> H <sub>23</sub> N <sub>5</sub> O
Molecular Weight:	409.48
Target:	Influenza Virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Influenza A virus-IN-6 (compound 16j) is a potent and selective influenza A virus inhibitor with an IC <sub>50</sub> of 3.88 μM and CC <sub>50</sub> of 36.64 μM. Influenza A virus-IN-6 shows anti-IAV activity with low cytotoxicity <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 3.88 μM (influenza virus); CC <sub>50</sub> : 36.64 μM (influenza virus) <sup>[1]</sup>
<b>In Vitro</b>	Influenza A virus-IN-6 (compound 16j) shows anti-influenza virus activity with an IC <sub>50</sub> of 0.41 μM in 293T-GLUC cells. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Zhang G, et al. Design, synthesis and in vitro anti-influenza A virus evaluation of novel quinazoline derivatives containing S-acetamide and NH-acetamide moieties at C-4. Eur J Med Chem. 2020 Nov 15;206:112706.

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

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