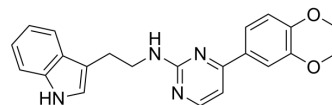


## AP-C4

<b>Cat. No.:</b>	HY-153540
<b>CAS No.:</b>	682794-85-0
<b>Molecular Formula:</b>	C <sub>22</sub> H <sub>20</sub> N <sub>4</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	372.42
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

<b>Description</b>	AP-C4 is an inhibitor of guanosine 3',5'-cyclic monophosphate (cGMP)-dependent protein kinase II (cGKII) with a pIC <sub>50</sub> of 5.2. AP-C3 does not inhibit cGKII-dependent anion secretion <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	pIC <sub>50</sub> : 5.2 (cGKII) <sup>[1]</sup>

## REFERENCES

[1]. Marcel J C Bijvelds, et al. Selective inhibition of intestinal guanosine 3',5'-cyclic monophosphate signaling by small-molecule protein kinase inhibitors. J Biol Chem. 2018 May 25;293(21):8173-8181.

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

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