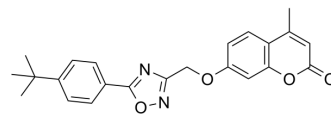


## hCAXII-IN-5

<b>Cat. No.:</b>	HY-146256
<b>CAS No.:</b>	2414629-92-6
<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>22</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight:</b>	390.43
<b>Target:</b>	Carbonic Anhydrase
<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>	hCAXII-IN-5 (compound 6o) is a potent and selective hCAXII inhibitor with K <sub>i</sub> values of >10000, >10000, 286.1, 1.0 nM for hCAI, hCAII, hCAIX and hCAXII, respectively <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	K <sub>i</sub> : >10000 nM (hCAI); >10000 nM (hCAII); 286.1 nM (hCAIX); 1.0 nM (hCAXII) <sup>[1]</sup> .

### REFERENCES

[1]. Thacker PS, et al. Design, synthesis and biological evaluation of coumarin linked 1,2,4-oxadiazoles as selective carbonic anhydrase IX and XII inhibitors. Bioorg Chem. 2020 May;98:103739.

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

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