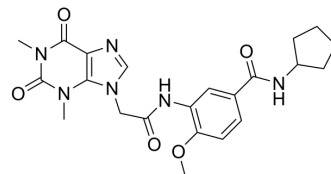


## ATAD2-IN-1

<b>Cat. No.:</b>	HY-163108
<b>CAS No.:</b>	3004556-06-0
<b>Molecular Formula:</b>	C <sub>22</sub> H <sub>26</sub> N <sub>6</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	454.48
<b>Target:</b>	Epigenetic Reader Domain; Apoptosis; c-Myc
<b>Pathway:</b>	Epigenetics; Apoptosis
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	ATAD2-IN-1 (compound 19f) is a potent ATAD2 inhibitor (IC <sub>50</sub> : 0.27 μM) and can induce apoptosis. ATAD2-IN-1 also inhibits c-Myc activation and BT-549 cell migration <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 0.27 μM(ATAD2) <sup>[1]</sup>

### REFERENCES

[1]. Yao D, et al. Fragment-based design, synthesis and biological evaluation of theophylline derivatives as ATAD2 inhibitors in BT-549 cells. J Enzyme Inhib Med Chem. 2023 Dec;38(1):2242601.

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

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