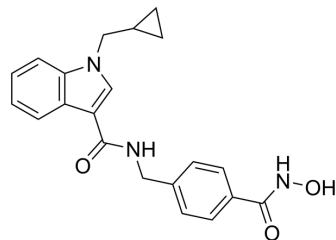


## HDAC6-IN-38

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-163503   |
| CAS No.:           | 3030872-95-5  |
| Molecular Formula: | C <sub>21</sub> H <sub>21</sub> N <sub>3</sub> O <sub>3</sub>                             |
| Molecular Weight:  | 363.41  |
| Target:            | HDAC  |
| Pathway:           | Cell Cycle/DNA Damage; Epigenetics  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

|                                     |  |                                      |
|-------------------------------------|--|--------------------------------------|
| <b>Description</b>                  | HDAC6-IN-38 (Compound Z-7) is an inhibitor for histone deacetylase 6 (HDAC6), with an IC <sub>50</sub> of 3.25 nM. HDAC6-IN-38 inhibits proliferation of cells MGC803 <sup>[1]</sup> . |                                      |
| <b>IC<sub>50</sub> &amp; Target</b> | HDAC6<br>3.11 nM (IC <sub>50</sub> )   | HDAC1<br>20.5 nM (IC <sub>50</sub> ) |

### REFERENCES

[1]. Ma L, et al., Novel indole HDAC6 small molecule inhibitor, preparation method and application. CN117603123A.

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

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