

<b>Product Name</b>	: HDAC-IN-52
<b>Synonyms</b>	: —
<b>Cat No.</b>	: M36045
<b>CAS Number</b>	: 2075787-77-6
<b>Molecular Formula</b>	: C <sub>24</sub> H <sub>20</sub> N <sub>4</sub> O <sub>2</sub>
<b>Formula Weight</b>	: 396.44
<b>Chemical Name</b>	: —
<b>Description</b>	: HDAC-IN-52 is a pyridine-containing HDAC inhibitor, with IC <sub>50</sub> s of 0.189, 0.227, 0.440 and 0.446 μM for HDAC1, HDAC2, HDAC3, and HDAC10, respectively. HDAC-IN-52 can be used for the research of cancer.
<b>Pathway</b>	: Cell Cycle/DNA Damage
<b>Target</b>	: HDAC
<b>Receptor</b>	: HDAC
<b>Solubility</b>	: —
<b>SMILES</b>	: <chem>C(C(NC=1C=CC(C(NC2=C(N)C=CC=C2)=O)=NC1=O)C3=CC4=C(C=C3)C=CC=C4</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	:

1. Bello ED, et, al. Novel pyridine-containing histone deacetylase inhibitors strongly arrest proliferation, induce apoptosis and modulate miRNAs in cancer cells. Eur J Med Chem. 2022 Dec 15;247:115022.?