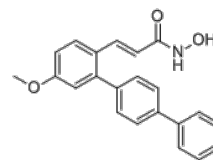


Product Name : HDAC8-IN-22d
Cat. No. : PC-63481
CAS No. : 1417997-93-3
Molecular Formula : C₂₂H₁₉NO₃
Molecular Weight : 345.398
Target : HDAC
Solubility : 10 mM in DMSO



Biological Activity

HDAC8-IN-22d is a potent, selective **HDAC8** inhibitor with IC₅₀ of 27.2 nM, exhibits no activity against other HDACs and limited activity against HDAC1 and 3.

HDAC8-IN-22d shows antiproliferative effects toward several human lung cancer cell lines (A549, H1299, and CL1-5). HDAC8-IN-22d exhibits cytotoxicity against human lung CL1-5 cells (IC₅₀=7.0 uM) similar to that of SAHA yet without significant cytotoxicity for normal IMR-90 cells.

References

Huang WJ, et al. *ChemMedChem*. 2012 Oct;7(10):1815-24.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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