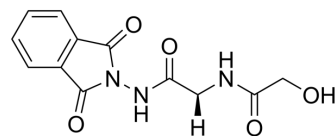


## HDAC8-IN-5

Cat. No.:	HY-149529
Molecular Formula:	C <sub>12</sub> H <sub>11</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	277.23
Target:	HDAC
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

HDAC8-IN-5 (Compound 6a) is a HDAC8 inhibitor (IC<sub>50</sub>: 28 nM). HDAC8-IN-5 can be used for cancer research<sup>[1]</sup>.

### REFERENCES

[1]. Guzmán Ramírez JE, et al. Synthesis of N-aminophalimides derived from α-amino acids: Theoretical study to find them as HDAC8 inhibitors by docking simulations and in vitro assays. Chem Biol Drug Des. 2023 Aug 28.

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

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