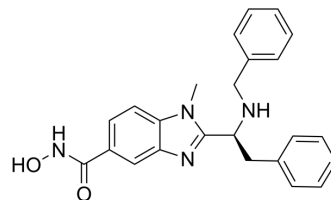


HDAC6-IN-22

Cat. No.:	HY-156279
Molecular Formula:	C ₂₄ H ₂₄ N ₄ O ₂
Molecular Weight:	400.47
Target:	Apoptosis; HDAC
Pathway:	Apoptosis; Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HDAC6-IN-22 (compound 30) is a inhibitor of HDAC6, with the IC ₅₀ of 4.63 nM. HDAC6-IN-22 has antiproliferative effects in vitro and in vivo towards multiple myeloma. HDAC6-IN-22 induces cell cycle arrest in the G2 phase and promotes apoptosis through the mitochondrial pathway ^[1] .
IC ₅₀ & Target	4.63 nM (HDAC6) ^[1]

REFERENCES

[1]. Liu L, et al. Design and synthesis of 1H-benzo[d]imidazole selective HDAC6 inhibitors with potential therapy for multiple myeloma [published online ahead of print, 2023 Sep 25]. Eur J Med Chem. 2023;261:115833.

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

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