

## HDAC degrader-2

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	HDACdegrader-2 is a selective HDAC degrader with a DC50 value of 2.55 $\mu$ M for HDAC1. It effectively induces the degradation of HDAC1 and HDAC2, without significantly affecting HDAC3, 4, 6, and 8. HDACdegrader-2 exhibits strong antiproliferative effects on MM.1S and MCF-7 cells and can induce apoptosis (apoptosis) in myeloma cells. This compound is useful for research on myeloma.
Targets(IC50)	Apoptosis,HDAC
In vitro	HDAC-degrader 2 (Compound SZ-2) exhibits significant antiproliferative activity against MM.1S cells (IC 50 = 3.28 $\mu$ M) and MCF-7 cells (IC 50 = 3.46 $\mu$ M) over 24 hours. Additionally, HDAC-degrader 2, at 5 $\mu$ M concentration for 48 hours, markedly induces apoptosis in MM.1S cells.

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