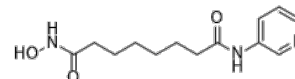


Product Name : Pyroxamide
Cat. No. : PC-26230
CAS No. : 382180-17-8
Molecular Formula : C₁₃H₁₉N₃O₃
Molecular Weight : 265.31
Target : HDAC
Solubility : 10 mM in DMSO



Biological Activity

Pyroxamide is a potent inhibitor of HDAC with IC₅₀ of 100 nM for HDAC1, causes the accumulation of acetylated core histones in murine erythroleukemia (MEL) cells.

Pyroxamide induces G₁ arrest in transformed prostate and bladder cells in culture, induces apoptosis.

Pyroxamide inhibits growth of the CWR22 human prostate xenograft.

Pyroxamide induces growth suppression and cell death in human RMS in vitro.

References

Kutko MC, et al. Clin Cancer Res. 2003 Nov 15;9(15):5749-55.

Butler LM, et al. Clin Cancer Res. 2001 Apr;7(4):962-70.

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

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