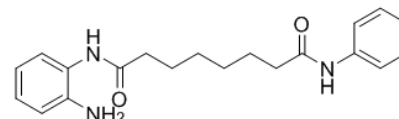


Product Name : BML-210
Cat. No. : PC-45619
CAS No. : 537034-17-6
Molecular Formula : C₂₀H₂₅N₃O₂
Molecular Weight : 339.4314
Target : HDAC
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

BML-210 is a small molecule histone deacetylase (**HDAC**) inhibitor that induces Ac-histone in A549 cells with EC₅₀ of 181 uM.

BML-210 inhibits the growth of all cell lines and promotes apoptosis in the human leukemia cell lines (NB4, HL-60, THP-1, and K562).

BML-210 induces growth inhibition and apoptosis and downregulates HDAC1-5 and DAPC complex expression levels in cervical cancer cells.

References

Savickiene J, et al. *Eur J Pharmacol*. 2006 Nov 7;549(1-3):9-18.

Wong JC, et al. *J Am Chem Soc*. 2003 May 14;125(19):5586-7.

Borutinskaite VV, et al. *Mol Biol Rep*. 2012 Dec;39(12):10179-86.

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

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