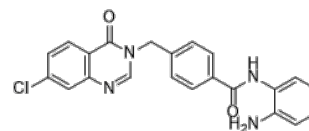


Product Name : Chlopynostat
Cat. No. : PC-25162
CAS No. :
Molecular Formula : C₂₂H₁₇ClN₄O₂
Molecular Weight : 404.85
Target : HDAC
Solubility : 10 mM in DMSO



Biological Activity

Chlopynostat is a potent, selective HDAC1 inhibitor with IC₅₀ of 67 nM, with no activity against HDAC6/8/10 (IC₅₀>1000 nM).

Chlopynostat promotes apoptosis of CLL cells by enhancing STAT4 and p66Shc expression.

Chlopynostat restores STAT4 and p66Shc expression in leukemic cells from CLL patients.

Chlopynostat promotes CLL cell apoptosis by preferentially inhibiting HDAC1.

References

Rossi S, et al. Biomed Pharmacother. 2024 May;174:116537.

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

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