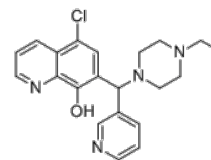


Product Name : BRD4354
Cat. No. : PC-62404
CAS No. : 315698-07-8
Molecular Formula : C₂₁H₂₃ClN₄O
Molecular Weight : 382.892
Target : HDAC
Solubility : 10 mM in DMSO



Biological Activity

BRD4354 is a moderately potent, selective, reversible inhibitor of **HDAC5** and **HDAC9** with IC₅₀ of 0.85 μM and 1.88 μM. BRD4354 shows weak activity against HDACs 4, 6, 7, and 8 (IC₅₀=3.88-13.8 μM) and no inhibitory effect on other class I HDACs 1, 2, and 3 (IC₅₀ > 40 μM).

References

Boskovic ZV, et al. *ACS Chem Biol.* 2016 Jul 15;11(7):1844-51.

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

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