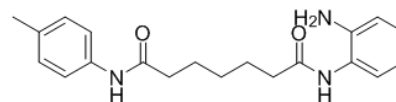


Product Name : Pimelic Diphenylamide 106
Cat. No. : PC-45618
CAS No. : 937039-45-7
Molecular Formula : C₂₀H₂₅N₃O₂
Molecular Weight : 339.4314
Target : HDAC
Solubility : DMSO: ≥ 25 mg/mL



Biological Activity

A slow, tight-binding inhibitor of class I HDACs (HDAC1/2/3, Ki=148/102/14 nM respectively); shows weak inhibition on HDAC8 (IC₅₀=5 uM); has preference toward HDAC3.

References

- Chou CJ, et al. J Biol Chem. 2008 Dec 19;283(51):35402-9.
Xu C, et al. Chem Biol. 2009 Sep 25;16(9):980-9.

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

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