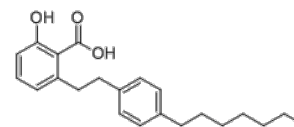


**Product Name** : MG149  
**Cat. No.** : PC-20867  
**CAS No.** : 1243583-85-8  
**Molecular Formula** : C<sub>22</sub>H<sub>28</sub>O<sub>3</sub>  
**Molecular Weight** : 340.46  
**Target** : Histone Acetyltransferase (HAT)  
**Solubility** : 10 mM in DMSO



CAS: 1243583-85-8

## Biological Activity

MG149 is a selective histone acetyltransferase Tip60 (KAT5) inhibitor with IC<sub>50</sub> of 74 μM, with no activity against PCAF and p300.

MG149 effectively inhibits acetyltransferase activity of nuclear extracts on the histone H3 and H4 at micromolar concentrations.

MG 149 is competitive with Ac-CoA and noncompetitive with the histone substrate.

## References

Massimo Ghizzoni, et al. Eur J Med Chem. 2012 Jan;47(1):337-44.

García-González R, et al. Cancers (Basel). 2020 Oct 15;12(10):2986.

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

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