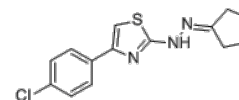


**Product Name** : CPTH2  
**Cat. No.** : PC-35322  
**CAS No.** : 357649-93-5  
**Molecular Formula** : C<sub>14</sub>H<sub>14</sub>ClN<sub>3</sub>S  
**Molecular Weight** : 291.797  
**Target** : Histone Acetyltransferase (HAT)  
**Solubility** : 10 mM in DMSO



## Biological Activity

CPTH2 is a specific histone acetyltransferase inhibitor modulating **Gcn5** network in vitro and in vivo, inhibits H3 acetylation and induces cell-cycle perturbation and apoptosis in U-937 cells.

CPTH2 increases E1A CR3 transactivation of human adenovirus through inhibition of HAT GCN5.

CPTH2 also reduces virus yield during infection.

CPTH2 induces apoptosis and decreases the invasiveness of a ccRCC cell line through the inhibition of KAT3B.

## References

Chimenti F, et al. *J Med Chem.* 2009 Jan 22;52(2):530-6.

Trisciuglio D, et al. *Clin Cancer Res.* 2012 Jan 15;18(2):475-86.

Cocco E, et al. *Clin Epigenetics.* 2018 Apr 4;10:44.

Ablack JN, et al. *J Virol.* 2012 Aug;86(15):8198-209.

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

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