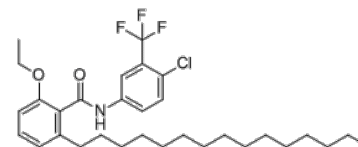


**Product Name** : CTPB  
**Cat. No.** : PC-62266  
**CAS No.** : 586976-24-1  
**Molecular Formula** : C<sub>31</sub>H<sub>43</sub>ClF<sub>3</sub>NO<sub>2</sub>  
**Molecular Weight** : 554.135  
**Target** : Histone Acetyltransferase (HAT)  
**Solubility** : 10 mM in DMSO



## Biological Activity

CTPB is an anacardic acid derivative, was reported as a selective activator of **p300** (KAT3B) HAT activity but not PCAF (KAT2B), which enhanced HAT-dependent transcriptional activation.

CTPB has no effect on histone deacetylase activity.

CTPB promotes the survival and neurite growth of the SH-SY5Y cells, and also protects these cells from cell death induced by the neurotoxin 6-hydroxydopamine.

## References

Balasubramanyam K, et al. *J Biol Chem*. 2003 May 23;278(21):19134-40.

Hegarty SV, et al. *Neurotox Res*. 2016 Oct;30(3):510-20.

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

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