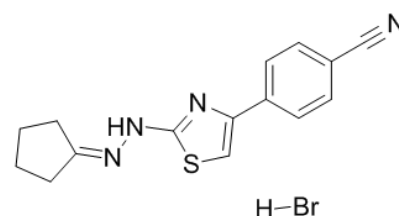


**Product Name** : Remodelin hydrobromide  
**Cat. No.** : PC-45052  
**CAS No.** : 1622921-15-6  
**Molecular Formula** : C<sub>15</sub>H<sub>15</sub>BrN<sub>4</sub>S  
**Molecular Weight** : 363.2754  
**Target** : Histone Acetyltransferase (HAT)  
**Solubility** : DMSO: ≥ 44 mg/mL



### Biological Activity

Remodelin hydrobromide is a potent inhibitor of the acetyl-transferase protein **NAT10** that acetylates both histones and microtubules.

Remodelin significantly reduces the prevalence of misshapen nuclei in HGPS cells, prevents FTI-induced nuclear shape defects in normal fibroblasts and U2OS cells.

Remodelin does not affect Golgi apparatus integrity or tubulin polymer assembly, and does not cause cells to accumulate in mitosis.

### References

Larrieu D, et al. *Science*. 2014 May 2;344(6183):527-32.

Mathieu J, et al. *Cell Stem Cell*. 2016 Jul 7;19(1):3-4.

Cobb AM, et al. *Aging Cell*. 2016 Jul 27. doi: 10.1111/ace.12506.

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

E-mail: tech@probechem.com