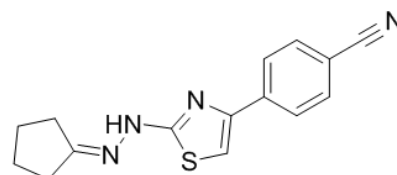


**Product Name** : Remodelin  
**Cat. No.** : PC-45051  
**CAS No.** : 949912-58-7  
**Molecular Formula** : C<sub>15</sub>H<sub>14</sub>N<sub>4</sub>S  
**Molecular Weight** : 282.3635  
**Target** : Histone Acetyltransferase (HAT)  
**Solubility** : 10 mM in DMSO



### Biological Activity

Remodelin 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!**

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