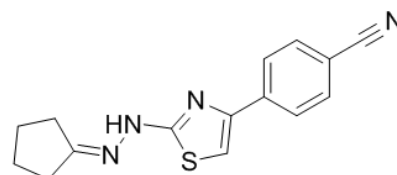


Product Name : Remodelin
Cat. No. : PC-45051
CAS No. : 949912-58-7
Molecular Formula : C₁₅H₁₄N₄S
Molecular Weight : 282.3635
Target : Histone Acetyltransferase (HAT)
Solubility : 10 mM in DMSO



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!

E-mail: tech@probechem.com