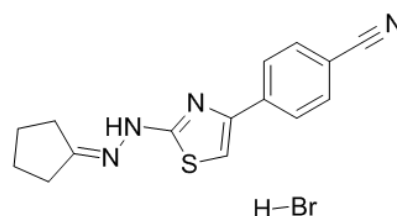


Product Name : Remodelin hydrobromide
Cat. No. : PC-45052
CAS No. : 1622921-15-6
Molecular Formula : C₁₅H₁₅BrN₄S
Molecular Weight : 363.2754
Target : HDAC
Solubility : DMSO: ≥ 44 mg/mL



Biological Activity

A potent inhibitor of the acetyl-transferase protein NAT10 that acetylates both histones and microtubules; significantly reduces the prevalence of misshapen nuclei in HGPS cells, prevents FTI-induced nuclear shape defects in normal fibroblasts and U2OS cells; 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/accel.12506.

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

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