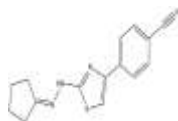


PRODUCT: Remodelin**ALTERNATE NAME:** 4-[2-(2-cyclopentylidenehydrazinyl)-4-thiazolyl]-benzonitrile**CATALOG #:** 9411-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₅H₁₄N₄S**MOLECULAR WEIGHT:** 282.36**CAS NUMBER:** 949912-58-7**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (~15 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** Remodelin is a potent and selective inhibitor of the acetyltransferase protein NAT10 that mediates nuclear shape rescue in laminopathic (LMNA-depleted) cells via microtubule reorganization. Remodelin markedly reduces the prevalence of misshapen nuclei in HGPS cells as well as in primary MRC5 fibroblasts aged in culture. In contrast, Remodelin has no effect on nonlaminopathic Werner syndrome cells.**REFERENCES:** Larrieu, D., *et al.* (2014). *Science* **344**, 527-532.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Anacardic Acid (**Cat. No. 1849-5, 25**)C646, p300/CBP Inhibitor (**Cat. No. 1948-1, 5**)Curcumin, Curcuma longa (High Purity) (**Cat. No. 1850-10, 50**)(-)-Epigallocatechin gallate (**Cat. No. 1841-50**)Garcinol (**Cat. No. 2088-5, 25**)HAT (P/CAF), Human Recombinant (**Cat. No. 1137-100**)HAT Activator, CTPB (**Cat. No. 2086-1, 5**)HAT Activity Colorimetric Assay Kit (**Cat. No. K332-100**)HAT Activity Fluorometric Assay Kit (**Cat. No. K334-100**)HAT-1 Antibody (**Cat. No. 3689-100**)HAT-2 Antibody (**Cat. No. 3692-100**)HAT-3 Antibody (**Cat. No. 3707-100**)Plumbagin (**Cat. No. 2290-50, 250**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**