



Datasheet for ABIN7233278

## Remodelin



[Go to Product page](#)

### 1 Image

#### Overview

Quantity: 5 mg

Application: Inhibition (Inh)

#### Product Details

Purpose: Acetyl-transferase NAT10 inhibitor

Characteristics: Potent and selective inhibitor of N-acetyltransferase 10 (NAT10) which is capable of acetylating microtubules and histones. Improves nuclear architecture, chromatin organization and fitness of both human lamin A/C-depleted cells and Hutchinson-Gilford progeria syndrome patient cells, normalizing progeric and aging cells. Enhances health span in a mouse model of human accelerated aging syndrome. Significantly reduces many of the defects associated with accumulation of the lamin A precursor, prelamin A. Inhibits NAT10-promoted metastasis which may be mediated by endothelial-to-mesenchymal transition in hepatocellular carcinoma.

Purity: >98 %

Chemical Name: 4-[2-(2-cyclopentylidenehydrazinyl)-4-thiazolyl]-benzonitrile

Formula: C15H14N4S

Solubility: Soluble in DMSO (up to 40 mg/ml)

#### Target Details

Background: Epigenetics,Nuclear transport,Acetyltransferase,Cytoskeleton,Ageing,Posttranslational modification,Chromatin

Molecular Weight: 282.36

CAS-No: 949912-58-7

## Application Details

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Restrictions: For Research Use only

## Handling

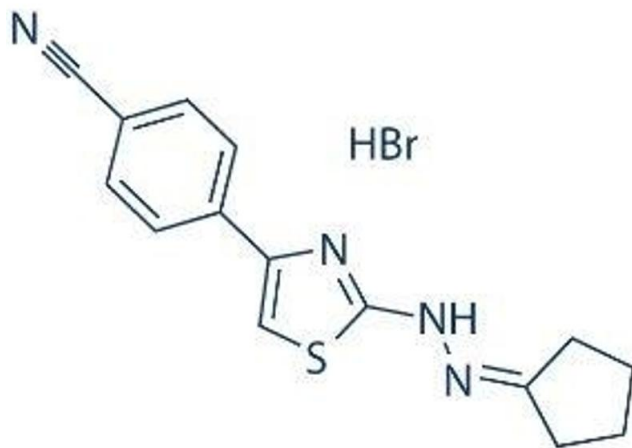
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Format: Powder

Storage: -20 °C

## Images

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### Molecule

Image 1. /