



[Go to Product page](#)

Datasheet for ABIN7233307

Zebularine

1 Image

Overview

Quantity: 5 mg

Application: Inhibition (Inh)

Product Details

Purpose: DNA methylation inhibitor

Characteristics: Orally active DNA methyltransferase inhibitor. Inhibits tumor cell proliferation (IC₅₀ = 120 μM) and re-activates silenced genes in T24 bladder carcinoma cells. Inhibits cytidine deaminase (K_i ~ 2 μM), induces differentiation of mesenchymal stem cells into cardiomyocytes.

Purity: >98 %

Chemical Name: 1H-β-D-ribofuranosyl-2-pyrimidinone

Formula: C₉H₁₂N₂O₅

Solubility: Soluble in DMSO (up to 20 mg/ml) or in Water (up to 20 mg/ml).

Target Details

Background: NSC 309132, Epigenetics, DNA damage, DNA methyltransferase, Stem cells, Infectious disease, Cancer, Chromatin, Proliferation

Molecular Weight: 228.21

CAS-No: 3690-10-6

Application Details

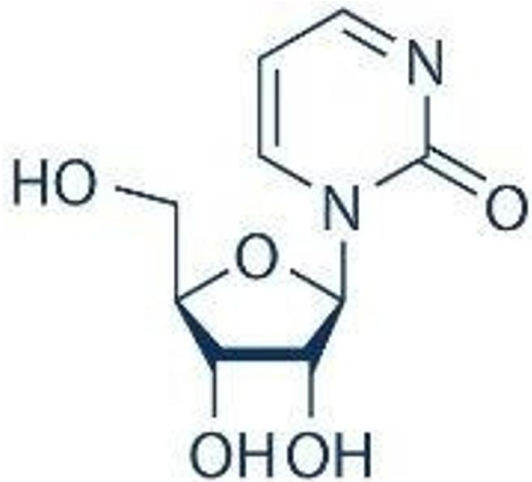
Restrictions: For Research Use only

Handling

Format: Powder

Storage: -20 °C

Images



Molecule

Image 1. /