



Datasheet for ABIN7233248

Decitabine



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1 Image

Overview

Quantity: 10 mg

Application: Inhibition (Inh)

Product Details

Purpose: DNA hypomethylation agent

Characteristics: Inhibits DNA methyltransferase. Induces demethylation and reactivation of silenced genes. Increases stem cell reprogramming efficiency. Stimulates osteogenic differentiation of human bone marrow stromal cells. Antitumor agent. Cell permeable.

Purity: >98 %

Chemical Name: 5-Aza-2'-deoxycytidine

Formula: C₈H₁₂N₄O₄

Permeability: Cell-permeable

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Water (up to 11 mg/ml).

Target Details

Background: NSC-127716,Epigenetics,DNA methyltransferase,Stem cells,Cancer,DNA damage,Chromatin

Molecular Weight: 228.21

CAS-No: 2353-33-5

Application Details

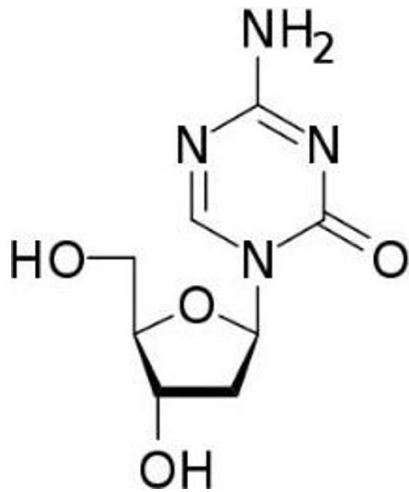
Restrictions: For Research Use only

Handling

Format: Powder

Storage: -20 °C

Images



Molecule

Image 1. /