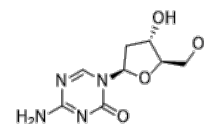


Product Name : Decitabine
Cat. No. : PC-27598
CAS No. : 2353-33-5
Molecular Formula : C₈H₁₂N₄O₄
Molecular Weight : 228.21
Target : DNA Methyltransferase (DNMT)
Solubility : 10 mM in DMSO



Biological Activity

Decitabine (5-Aza-2'-deoxycytidine, 5-AZA-CdR) is an orally active deoxycytidine analogue antimetabolite and DNA methyltransferase (DNMT) inhibitor, incorporates into DNA in place of cytosine can covalently trap DNA methyltransferase to DNA causing irreversible inhibition of the enzyme, induces cell G2/M arrest and cell apoptosis.

References

Hagemann S, et al. PLoS One. 2011 Mar 7;6(3):e17388.

Yu J, et al. J Clin Invest. 2018 Jun 1;128(6):2376-2388.

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

E-mail: tech@probechem.com