Zebularine

Dnmt inhibitor

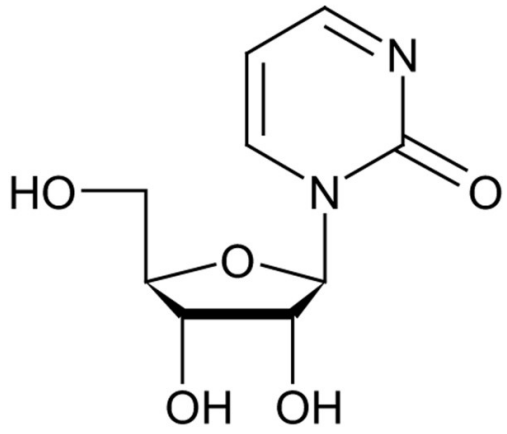
Zebularine is a DNA methylation inhibitor which acts by forming a covalent complex with DNMT. It displays antiangiogenic activity and markedly inhibits vessel formation in different tumor models. It reactivates silenced E-cadherin and potentiates the effects of other epigenetic therapeutics such as vorinistat. Induces differentiation of mesenchymal cells into cardiomyocytes. Inhibits cytidine deaminase.

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BML-GR344-0010	10mg

Manuals, SDS & CofA View Online »


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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store solutions at -20°C for up to 3 months.
Short Term Storage	-20°C
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	1-(β-D-Ribofuranosyl)-1,2-dihydropyrimidin-2-one, 2-Pyrimidone-1-β-D-riboside
Appearance	Off-white solid.
Application Notes	Can be used for *in vitro* or cell based studies.
CAS	3690-10-6
Couple Target	Dnmt
Couple Type	Inhibitor
Formula	$C_9H_{12}N_2O_5$
MW	228.2
Purity	≥98% (TLC)
Solubility	Soluble in water (>25 mg/ml) or DMSO (>25 mg/ml).

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