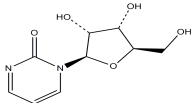


**PRODUCT: Zebularine****ALTERNATE NAME:** 1H- $\beta$ -D-ribofuranosyl-2-pyrimidinone; NSC 309132**CATALOG #:** 2225-1, 5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub>**MOLECULAR WEIGHT:** 228.20**CAS NUMBER:** 3690-10-6**APPEARANCE:** White solid**SOLUBILITY:** DMSO (100 mM) or H<sub>2</sub>O (100 mM)**PURITY:**  $\geq$ 98% by HPLC**STORAGE:** At -20°C. Protect from air and moisture**DESCRIPTION:** Zebularine is a potent inhibitor of cytidine deaminase and DNA methylation; inhibits DNA methylation by forming a covalent complex with DNA methyltransferases (DNMTs). Displays antitumor properties.**REFERENCE:** Zhou, L., *et al.* (2002). *J. Mol. Biol.* **321**, 591-599.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

AMI-1 (Cat. No. 1943-5, 25)

Aza-2'-deoxycytidine (Cat. No. 1754-10, 50)

5- BIX01294 (Cat. No. 1678-5, 25)

Bromodomain Inhibitor, (+)-JQ1 (Cat. No. 2070-1, 5)

EZSolution™ (+)-JQ1 (Cat. No. 2091-1)

3-Deazaneplanocin (Cat. No. 2060-250, 1000)

Lomeguatrib (Cat. No. 2224-5, 25)

RG108 (Cat. No. 1679-10, 30)

UNC0638 (Cat. No. 1933-1, 5)

**USAGE:****FOR RESEARCH CH USE ONLY! Not to be used in humans**