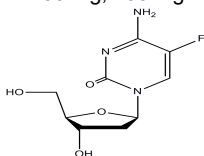


PRODUCT: 2'-Deoxy-5-fluorocytidine**ALTERNATE NAME:** 5-Fluoro-2'-deoxycytidine; FCDR; FdCyd; NSC-48006**CATALOG #:** 2387-50, 250**AMOUNT:** 50 mg, 250 mg**STRUCTURE:****MOLECULAR FORMULA:** C₉H₁₂FN₃O₄**MOLECULAR WEIGHT:** 245.21**CAS NUMBER:** 10356-76-0**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (~20 mg/ml)**PURITY:** ≥98%**STORAGE:** At -20° C. Protect from light and moisture**DESCRIPTION:** A DNA methyltransferase (DNMT) inhibitor. Acts as a tumor-selective prodrug of the potent thymidylate synthase inhibitor 5-fluoro-2'-dUMP (FdUMP).**REFERENCE:** Beumer, J.H., *et al.* (2006). *Clin. Cancer Res.* **12**, 7483-7491.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

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)

Zebularine (Cat. No. 2225-1, 5)

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