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).


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, 50)
UNCO638 (Cat. No. 1933-1, 5)
Zebularine (Cat. No. 2225-1, 5)

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