

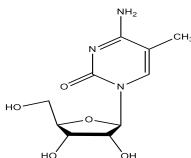
**PRODUCT: 5-Methylcytidine**

ALTERNATE NAME: 5-Methyl-Cytidine

CATALOG #: 2306-50, 250

AMOUNT: 50 mg, 250 mg

STRUCTURE:

MOLECULAR FORMULA:  $C_{10}H_{15}N_3O_5$ 

MOLECULAR WEIGHT: 257.25

CAS NUMBER: 2140-61-6

APPEARANCE: White to off-white solid

SOLUBILITY:  $H_2O$  (~ 25 mg/ml)PURITY:  $\geq 98\%$  by HPLCSTORAGE: At  $-20^\circ C$ . Protect from air and light

DESCRIPTION: 5-Methylcytidine is useful in Epigenetics research, especially in studies involving DNA methylation processes.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

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

5-Methylcytosine hydrochloride (Cat. No. 2305-50, 250)

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