

Product Name	: 3-Methylcytidine
Synonyms	: —
Cat No.	: M20729
CAS Number	: 2140-64-9
Molecular Formula	: C ₁₀ H ₁₅ N ₃ O ₅
Formula Weight	: 257.24
Chemical Name	: —
Description	: 3-Methylcytidine as biomarkers of four different types of cancer: lung cancer gastric cancer colon cancer and breast cancer.
Pathway	: Cell Cycle/DNA Damage
Target	: Nucleoside Antimetabolite/Analog
Receptor	: Nucleoside
Solubility	: DMSO:83.33 mg/mL (323.94 mM)
SMILES	: <chem>Cn1c(=N)ccn([C@@H]2O[C@H](CO)[C@@H](O)[C@H]2O)c1=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Hsu W YChen C J Huang Y C et al. Urinary Nucleosides as Biomarkers of Breast Colon Lung and Gastric Cancer in Taiwanese[J]. PLoS ONE 2013 8(12):e81701.