

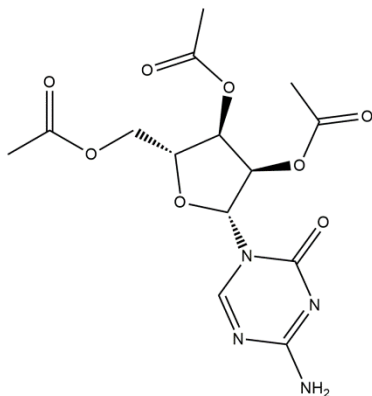
2',3',5'-triacetyl-5-Azacytidine

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ALTERNATE NAMES: [(2R,3R,4R,5R)-3,4-diacetyloxy-5-(4-amino-2-oxo-1,3,5-triazin-1-yl)oxolan-2-yl]methyl acetate, (2R,3R,4R,5R)-2-(acetoxymethyl)-5-(4-amino-2-oxo-1,3,5-triazin-1(2H)-yl)tetrahydrofuran-3,4-diyl diacetate, 4-amino-1-(2,3,5-tri-O-acetyl-β-D-ribofuranosyl)-1,3,5-triazin-2(1H)-one

CATALOG #: B2822-5 5 mg
B2822-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₄H₁₈N₄O₈

MOLECULAR WEIGHT: 370.31

CAS NUMBER: 10302-78-0

APPEARANCE: Crystalline solid

PURITY: ≥95%

SOLUBILITY: ~30 mg/ml in ethanol, DMSO and DMF
~10 mg/ml in PBS, pH 7.2

DESCRIPTION: 2',3',5'-triacetyl-5-Azacytidine is an oral prodrug form of 5-Azacytidine. 5-Azacytidine is an inhibitor of DNA methyltransferase, which can reverse epigenetically silenced genes. 2',3',5'-triacetyl-5-Azacytidine inhibits methylation and improves life expectancies in murine L1210 lymphocytic leukemia models.

STORAGE TEMPERATURE: -20°C

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

RELATED PRODUCTS:

EZSolution™ RG-108, Sterile-filtered (Cat. No. B2238)
Zebularine (Cat. No. 2225)
Lomeguatrib (Cat. No. 2224)
5-Aza-2'-deoxycytidine (Cat. No. 1754)
5-Azacytidine (Cat. No. 1854)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*