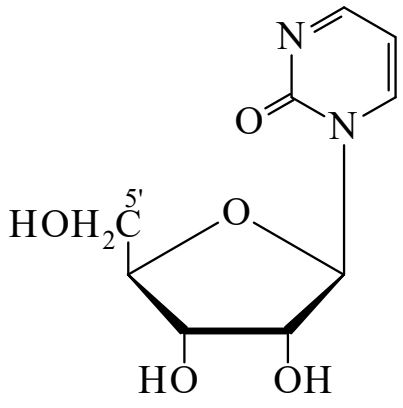
>>**Entry Name: Zebularine**

Synonym(s): 1-β-D-Ribofuranosyl-2(1*H*)-pyrimidinone, 9CI, 8CI. 4-Deoxyuridine



CAS Registry Number: 3690-10-6
Related CAS Registry Numbers(s): 68926-06-7

Molecular Formula: $C_9H_{12}N_2O_5$
Molecular Weight: 228.204
Accurate Mass: 228.074623
Percentage Composition: C 47.37%; H 5.30%; N 12.28%; O 35.06%
Use/Importance: Antineoplastic agent, cytidine deaminase inhibitor
Melting Point: Mp 158-159° (156.5-157°)
Optical Rotation: $[\alpha]_D^{25}$+160.9 (c, 0.76 in MeOH)
Calculated Log P Data: Log P –2.65 (calc)

>>**Derivative:** 2',3',5'-Tri-*O*-benzoyl

Melting Point: Mp 165-167°

References:

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