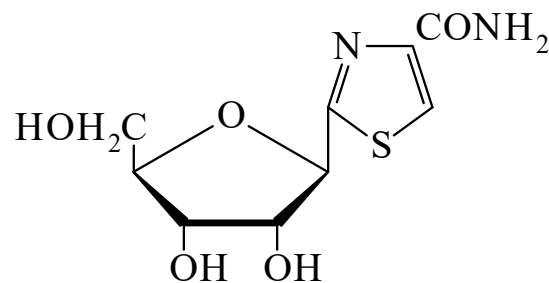




>>Entry Name: Tiazofurine, INN

Synonym(s): 2-β-D-Ribofuranosyl-4-thiazolecarboxamide, 9CI. **Tiazofurin**, USAN. Riboxamide. CI 909. ICN 4221. NSC 286193



CAS Registry Number: 60084-10-8

Molecular Formula: C₉H₁₂N₂O₅S

Molecular Weight: 260.27

Accurate Mass: 260.046693

Percentage Composition: C 41.53%; H 4.65%; N 10.76%; O 30.74%; S 12.32%

Use/Importance: Inosine monophosphate dehydrogenase inhibitor. Antineoplastic agent showing broad-spectrum antiviral activity

Physical Description: Light yellow needles (EtOH/EtOAc)

Melting Point: Mp 145-146°

Optical Rotation: $[\alpha]_D^{25} -9$ (c, 0.5 in EtOH)

Calculated Log P Data: Log P -2.73 (calc)

Hazard & Toxicity: LD₅₀ (mus, ipr) 1684 mg/kg

References:

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