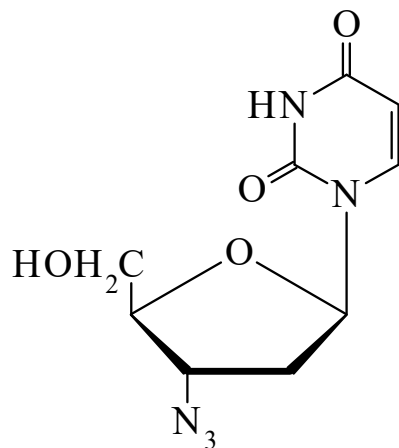




>>Entry Name: Navuridine, INN

Synonym(s): 3'-Azido-2',3'-dideoxyuridine. AZDU. CS-87



CAS Registry Number: 84472-85-5

Molecular Formula: C₉H₁₁N₅O₄

Molecular Weight: 253.217

Accurate Mass: 253.081105

Percentage Composition: C 42.69%; H 4.38%; N 27.66%; O 25.27%

Biological Use/Importance: Potential antiviral agent. Inhibitor of HIV-1

Physical Description: Tan cryst.

Melting Point: Mp 161-163 dec.°

Sigma: A4810

References:

Lin, T.S. *et al.*, *J. Med. Chem.*, 1983, **26**, 544, (*synth, ir, uv, pmr*)

Van Roey, P. *et al.*, *J.A.C.S.*, 1988, **110**, 2277, (*cryst struct*)

Chu, C.K. *et al.*, *Tet. Lett.*, 1988, **29**, 5349, (*synth*)

Low, J.N. *et al.*, *Acta Cryst. C*, 1989, **45**, 664, (*cryst struct*)

Zhu, Z. *et al.*, *Mol. Pharmacol.*, 1990, **38**, 929, (*metab*)

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