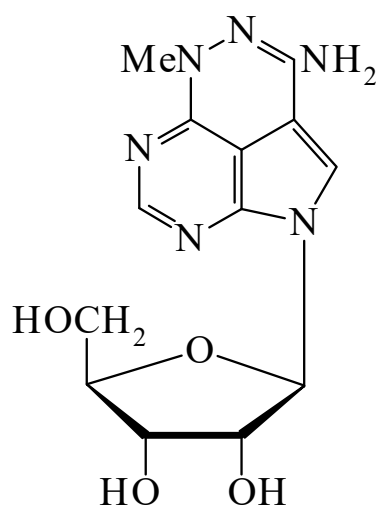




>>Entry Name: Triciribine, INN

Synonym(s): 1,5-Dihydro-5-methyl-1-β-D-ribofuranosyl-1,4,5,6,8-pentaazaacenaphthylen-3-amine, 9Cl. 3-Amino-1,5-dihydro-5-methyl-1-β-D-ribofuranosyl-1,4,5,6,8-pentaazaacenaphthylene. NSC 154020. TCN



CAS Registry Number: 35943-35-2

Molecular Formula: C₁₃H₁₆N₆O₄

Molecular Weight: 320.307

Accurate Mass: 320.123304

Percentage Composition: C 48.75%; H 5.03%; N 26.24%; O 19.98%

Use/Importance: Antineoplastic, antileukaemic agent. Possesses anti-HIV activity

Development Status: In Phase II clinical trials (1993)

>>Derivative: Phosphate salt

Synonym(s): Triciribine phosphate, USAN. NSC 280594

CAS Registry Number: 61966-08-3

Physical Description: Solid (H₂O)

Hazard & Toxicity: LD₅₀ (mus, ipr) 193 mg/kg

References:

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Bennett, L.L. *et al.*, *Biochem. Pharmacol.*, 1978, **27**, 233, (*pharmacol*)
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Schweinsberg, P.D., *Diss. Abstr. Int., B*, 1981, **42**, 1420, (*metab*)
Schilcher, R.B. *et al.*, *J. Chromatogr.*, 1985, **337**, 55, (*hplc*)
Wotring, L.L. *et al.*, *Cancer Res.*, 1990, **50**, 4891, (*pharmacol*)
Kucera, L.S. *et al.*, *AIDS Res. Hum. Retroviruses*, 1993, **9**, 307, (*activity*)
Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, TJE870