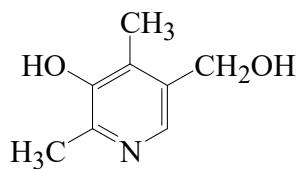




>>Entry Name: 5-Hydroxy-4,6-dimethyl-3-pyridinemethanol, 9Cl

Synonym(s): 4-Deoxypyridoxine. Desoxypyridoxine. 4-Deoxyadermin. 3-Hydroxy-5-(hydroxymethyl)-2,4-dimethylpyridine



CAS Registry Number: 61-67-6

Extra CAS Registry Numbers(s): 148-51-6

Molecular Formula: C<sub>8</sub>H<sub>11</sub>NO<sub>2</sub>

Molecular Weight: 153.18

Accurate Mass: 153.078979

Percentage Composition: C 62.73%; H 7.24%; N 9.14%; O 20.89%

Biological Use/Importance: Vitamin B<sub>6</sub> antagonist. Antitumour agent

Physical Description: Cryst. (EtOH) (as hydrochloride)

Melting Point: Mp 274° (dec.) (hydrochloride)

#### References:

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Taborsky, R.G., *J.O.C.*, 1961, **26**, 596-597, (*synth*)

Coburn, S.P. *et al.*, *J. Biol. Chem.*, 1976, **251**, 1646-1652, (*metab*)

Karagouni, E. *et al.*, *Int. J. Immunopathol. Pharmacol.*, 1995, **8**, 9-14, (*pharmacol*)