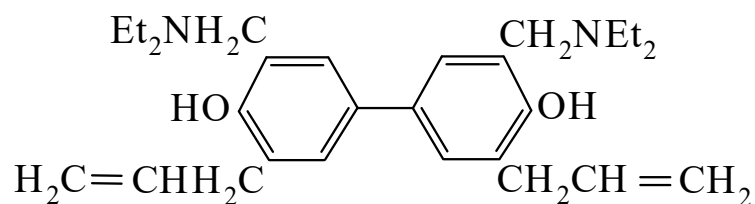




>>Entry Name: **Bialamicol**, BAN, INN

**Synonym(s):** 3,3'-Bis(diethylaminomethyl)-5,5'-di-2-propenyl[1,1'-biphenyl]-4,4'-diol, 9Cl. 6,6'-Diallyl- $\alpha,\alpha'$ -bis(diethylamino)-4,4'-bi-*o*-cresol. Biallylamicol. Camoform. CAM 807. CI 301. CI 871. NSC 6386. PAA 701. SN 6771



**CAS Registry Number:** 493-75-4

**Molecular Formula:** C<sub>28</sub>H<sub>40</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight:** 436.636

**Accurate Mass:** 436.308978

**Percentage Composition:** C 77.02%; H 9.23%; N 6.42%; O 7.33%

**Use/Importance:** Amoebicide

**Calculated Log P Data:** Log P 6.43 (calc)

>>Derivative: Hydrochloride

**Synonym(s):** **Bialamicol hydrochloride**, USAN

**CAS Registry Number:** 3624-96-2

**Melting Point:** Mp 209-210°

**Hazard & Toxicity:** LD<sub>50</sub> (rat, orl) 1649 mg/kg

#### References:

Burckhalter, J.H. *et al.*, *J.A.C.S.*, 1946, **68**, 1894; *J. Med. Chem.*, 1963, **6**, 89, (*synth, pharmacol*)

*U.S. Pat.*, 1949, *Parke Davis*, 2 459 338; *CA*, **43**, 4695

Thompson, P.E. *et al.*, *Antibiot. Chemother. (Washington, D.C.)*, 1955, **5**, 433, (*props*)

Dill, W.A. *et al.*, *Antibiot. Chemother. (Washington, D.C.)*, 1957, **9**, 99, (*props*)

Elslager, E.F. *et al.*, *J. Med. Chem.*, 1962, **5**, 646, (*props*)

Thompson, W.E. *et al.*, *J. Pharm. Sci.*, 1965, **54**, 1819, (*ir*)

*Martindale, The Extra Pharmacopoeia*, 28th/29th edn., *Pharmaceutical Press*, 1982, 4758

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, BFX125