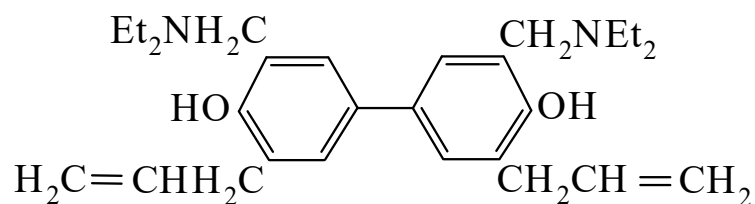




>>Entry Name: Bialamicol, BAN, INN

Synonym(s): 3,3'-Bis(diethylaminomethyl)-5,5'-di-2-propenyl[1,1'-biphenyl]-4,4'-diol, 9CI. 6,6'-Diallyl- α,α' -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: C₂₈H₄₀N₂O₂

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: LD₅₀ (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