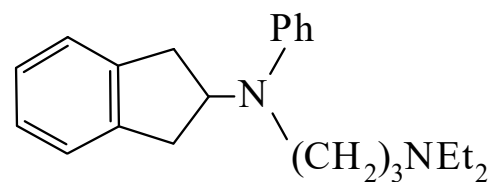




>>Entry Name: Aprindine, BAN, INN, USAN

Synonym(s): *N*-(2,3-Dihydro-1*H*-inden-2-yl)-*N,N'*-diethyl-*N*-phenyl-1,3-propanediamine, 9Cl. Lilly 99170



CAS Registry Number: 37640-71-4

Molecular Formula: C<sub>22</sub>H<sub>30</sub>N<sub>2</sub>

Molecular Weight: 322.492

Accurate Mass: 322.240898

Percentage Composition: C 81.94%; H 9.38%; N 8.69%

Use/Importance: Antiarrhythmic (class I) agent

Calculated Log P Data: Log P 4.79 (calc)

>>Derivative: Hydrochloride

Synonym(s): Aprindine hydrochloride, USAN. Amidonal. Elpen. Fibocil. Fiboran. Ritmusan. Lilly 83846. Aspenon

CAS Registry Number: 33237-74-0

**Hazard & Toxicity:** Adverse CNS, hepatic, gastrointestinal, and haematological effects reported when used therapeutically. LD<sub>50</sub> (rat, orl) 525 mg/kg. Exp. reprod. and teratogenic effects

#### References:

- Netherlands Pat., 1974, *A. Christiaens*, 7 402 731; *CA*, **83**, 96837r, (*synth*)  
Kroll, D.A. *et al.*, *J. Pharmacol. Exp. Ther.*, 1975, **194**, 427, (*pharmacol*)  
Stoel, I. *et al.*, *Eur. Heart J.*, 1980, **1**, 147, (*rev, pharmacol*)  
Gould, L.A. *et al.*, *Drug Treat. Card. Arrhythmias*, 1983, 239, (*rev*)  
Yokota, M. *et al.*, *Arzneim.-Forsch.*, 1987, **37**, 184, (*props*)  
Elisaf, M. *et al.*, *J. Hepatol.*, 1992, **14**, 276, (*tox*)  
Ebner, T. *et al.*, *Br. J. Clin. Pharmacol.*, 1993, **35**, 426, (*metab*)  
Misztal, G. *et al.*, *Pharmazie*, 1995, **50**, 187, (*hplc*)  
*Martindale, The Extra Pharmacopoeia*, 31st edn., Pharmaceutical Press, 1996, 826  
Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 9th edn., Van Nostrand Reinhold, 1996, FBP850