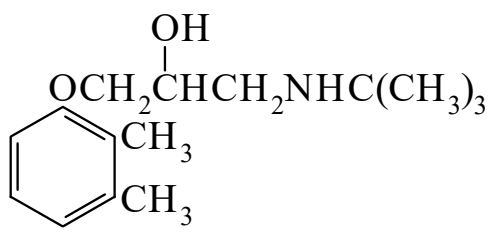
>>**Entry Name: Xibenolol,** INN
Synonym(s): 1-[(1,1-Dimethylethyl)amino]-3-(2,3-dimethylphenoxy)-2-propanol, 9CI. 1-(*tert*-Butylamino)-3-(2,3-xylyloxy)-2-propanol, 8CI. Rhythminal. Selapin. D 32



Related CAS Registry Numbers(s): 15263-30-6 30187-90-7 96436-92-9 96436-93-0

Molecular Formula: $C_{15}H_{25}NO_2$
Molecular Weight: 251.368
Accurate Mass: 251.188529
Percentage Composition: C 71.67%; H 10.02%; N 5.57%; O 12.73%
Use/Importance: β-Adrenergic blocker, antihypertensive agent
Calculated Log P Data: Log P 2.93 (calc)

>>**Variant:** (±)-form

CAS Registry Number: 81584-06-7
Molecular Formula: $C_{15}H_{25}NO_2$
Molecular Weight: 251.368
Accurate Mass: 251.188529
Percentage Composition: C 71.67%; H 10.02%; N 5.57%; O 12.73%
Physical Description: Cryst. (cyclohexanol)
Melting Point: Mp 71-72°

>>**Derivative:** Hydrochloride

CAS Registry Number: 59708-57-5
Melting Point: Mp 135-137°
Hazard & Toxicity: LD_{50} (rat, orl) 575 mg/kg. LD_{50} (rat, ivn) 24 mg/kg

References:

Ger. Pat., 1967, 1 236 523; *CA*, **67**, 64046k, *(synth)*
Japan. Pat., 1970, *Teikoku*, 70 29 294; *CA*, **74**, 22544, *(synth)*
Honma, S. *et al.*, *Chem. Pharm. Bull.*, 1975, **23**, 1045; 1977, **25**, 1843; 1985, **33**, 760, *(metab, ms)*
Himori, N. *et al.*, *Arch. Int. Pharmacodyn. Ther.*, 1976, **220**, 4, *(pharmacol)*
Honma, S. *et al.*, *Chem. Pharm. Bull.*, 1985, **33**, 760, *(metab, human)*