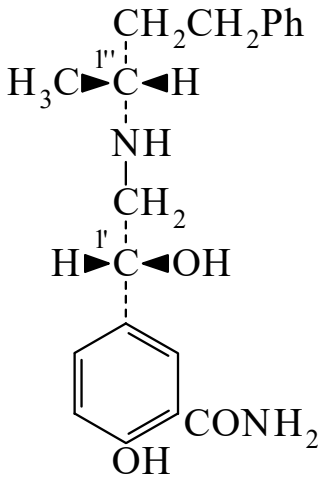
>>**Entry Name: Labetalol,** BAN, INN

Synonym(s): 2-Hydroxy-5-[1-hydroxy-2-[(1-methyl-3-phenylpropyl)amino]ethyl]benzamide, 9CI. 5-[1-Hydroxy-2-[(1-methyl-3-phenylpropyl)amino]ethyl]salicylamide, 8CI. Ibidomide. Normodyne. Trandate. AH 5158A. Sch 15719W. Albetol



(1'*R*,1"*R*)-*form*

CAS Registry Number: 36894-69-6
Related CAS Registry Numbers(s): 32780-64-6

Molecular Formula: $C_{19}H_{24}N_2O_3$
Molecular Weight: 328.41
Accurate Mass: 328.178693
Percentage Composition: C 69.49%; H 7.37%; N 8.53%; O 14.62%
Biological Use/Importance: Antiadrenergic agent (α- and β-blocker), antihypertensive agent
Calculated Log P Data: Log P 1.15 (calc)
Hazard & Toxicity: Exp. reprod. and teratogenic effects. LD_{50} (rat, orl) 2114 mg/kg

>>**Variant:** (1'*R*,1"*R*)-form
Synonym(s): Dilevalol, BAN, INN**.** Dilevalon. Levadil

CAS Registry Number: 75659-07-3
Molecular Formula: $C_{19}H_{24}N_2O_3$
Molecular Weight: 328.41
Accurate Mass: 328.178693
Percentage Composition: C 69.49%; H 7.37%; N 8.53%; O 14.62%
Biological Use/Importance: Most powerful β_1-blocker of the four stereoisomers
Development Status: Launched 1989. No longer marketed due to hepatotoxic effects
Melting Point: Mp 163.5-164.5°

>>**Derivative:** Hydrochloride
Synonym(s): Dilevalol hydrochloride, USAN**.** (*R*,*R*)-Labetalol hydrochloride. Sch 19927

CAS Registry Number: 75659-08-4
Physical Description: Cryst. (EtOH)
Melting Point: Mp 133-134 and 192-193.5° dec.° (dimorph.)
Optical Rotation: $[\alpha]_D^{26}$–30.6 (c, 1.0 in EtOH)

>>**Variant:** (1'*S*,1"*S*)-form

CAS Registry Number: 83167-24-2
Molecular Formula: $C_{19}H_{24}N_2O_3$
Molecular Weight: 328.41
Accurate Mass: 328.178693
Percentage Composition: C 69.49%; H 7.37%; N 8.53%; O 14.62%
Biological Use/Importance: Weakly active α-blocker

>>**Derivative:** Hydrochloride

CAS Registry Number: 81602-15-5
Melting Point: Mp 133-134 dec.°. Mp 193-194 dec.° (dimorph.)
Optical Rotation: $[\alpha]_D^{26}$+30.4 (c, 1.0 in EtOH)

>>**Variant:** (1'*R*,1"*S*)-form