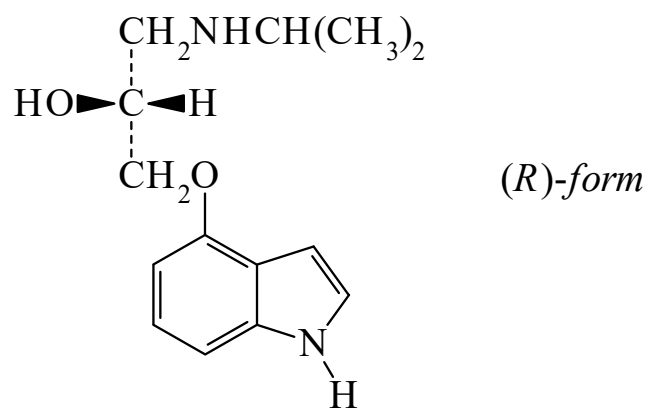




>>Entry Name: Pindolol, BAN, INN, JAN, USAN

Synonym(s): 1-(1*H*-Indol-4-yloxy)-3-[(1-methylethyl)amino]-2-propanol, 9Cl. 1-(4-Indolyloxy)-3-(isopropylamino)-2-propanol, 8Cl. Prindolol. Visken. Many other names



CAS Registry Number: 13523-86-9

Molecular Formula: C₁₄H₂₀N₂O₂

Molecular Weight: 248.324

Accurate Mass: 248.152478

Percentage Composition: C 67.72%; H 8.12%; N 11.28%; O 12.89%

Use/Importance: β-Adrenoceptor and 5HT receptor antagonist. Vasodilator

Calculated Log P Data: Log P 1.67 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 263 mg/kg. Exp. reprod. and teratogenic effects

Aldrich: 28410-6

Sigma: P0778

>>Variant: (*R*)-form

CAS Registry Number: 68374-35-6

Molecular Formula: C₁₄H₂₀N₂O₂

Molecular Weight: 248.324

Accurate Mass: 248.152478

Percentage Composition: C 67.72%; H 8.12%; N 11.28%; O 12.89%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 94-96°. Mp 168-170° (double Mp)

>>Variant: (*S*)-form

CAS Registry Number: 26328-11-0

Molecular Formula: C₁₄H₂₀N₂O₂

Molecular Weight: 248.324

Accurate Mass: 248.152478

Percentage Composition: C 67.72%; H 8.12%; N 11.28%; O 12.89%

Physical Description: Needles

Melting Point: Mp 93.5-95°

Optical Rotation: [α]_D²³ −5.1 (c, 1 in MeOH) (100% ee)

Other Data: Pharmacol. active enantiomer

>>Variant: (±)-form

CAS Registry Number: 21870-06-4

Molecular Formula: C₁₄H₂₀N₂O₂

Molecular Weight: 248.324

Accurate Mass: 248.152478

Percentage Composition: C 67.72%; H 8.12%; N 11.28%; O 12.89%

Melting Point: Mp 175-176°

References: