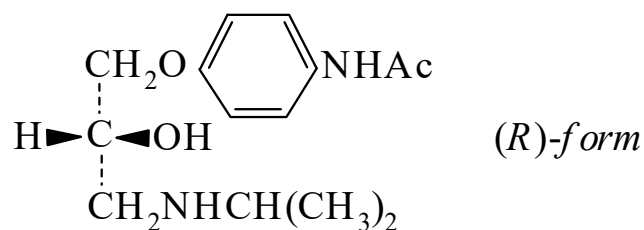




>>Entry Name: **Practolol**, BAN, INN, USAN

Synonym(s): *N*-[4-[2-Hydroxy-3-[(1-methylethyl)amino]propoxy]phenyl]acetamide, 9Cl. 4'-[2-Hydroxy-3-(isopropylamino)propoxy]acetanilide, 8Cl. Dalzic. Eraldin. ICI 50172. AY 21011. Teranol. Many other names



CAS Registry Number: 6673-35-4

Molecular Formula: C₁₄H₂₂N₂O₃

Molecular Weight: 266.339

Accurate Mass: 266.163043

Percentage Composition: C 63.14%; H 8.33%; N 10.52%; O 18.02%

Use/Importance: Cardiosselective β-blocker with restricted use due to serious adverse effects

Calculated Log P Data: Log P 0.75 (calc)

Hazard & Toxicity: Adverse effects on skin, eyes, mucous membranes, and can cause deafness, systemic lupus erythematosus and peritonitis when used therapeutically. LD₅₀ (rat, orl) 3458 mg/kg. Exp. reprod. and teratogenic effects

>>Variant: (*R*)-form

Molecular Formula: C₁₄H₂₂N₂O₃

Molecular Weight: 266.339

Accurate Mass: 266.163043

Percentage Composition: C 63.14%; H 8.33%; N 10.52%; O 18.02%

Melting Point: Mp 130-131.5°

>>Variant: (±)-form

CAS Registry Number: 23313-50-0

Molecular Formula: C₁₄H₂₂N₂O₃

Molecular Weight: 266.339

Accurate Mass: 266.163043

Percentage Composition: C 63.14%; H 8.33%; N 10.52%; O 18.02%

Melting Point: Mp 134-136°

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