



>>Derivative: Dihydro

Synonym(s): 1-[(1-Methylethyl)amino]-3-(2-propylphenoxy)-2-propanol, 9Cl. 1-(Isopropylamino)-3-(2-propylphenoxy)-2-propanol. Dihydroalprenolol

CAS Registry Number: 59624-90-7

Extra CAS Registry Numbers(s): 60106-89-0 63568-51-4 78884-68-1

Molecular Formula: C₁₅H₂₅NO₂

Molecular Weight: 251.368

Accurate Mass: 251.188529

Percentage Composition: C 71.67%; H 10.02%; N 5.57%; O 12.73%

Biological Use/Importance: β-Adrenergic receptor antagonist

Physical Description: Cryst. (EtOH/Et₂O) (as hydrochloride)

Melting Point: Mp 86-87° (hydrochloride)

Optical Rotation: [α]_D²⁵ -23 (c, 0.46 in H₂O)

>>Variant: (±)-form

CAS Registry Number: 23846-70-0

Molecular Formula: C₁₅H₂₃NO₂

Molecular Weight: 249.352

Accurate Mass: 249.172879

Percentage Composition: C 72.25%; H 9.30%; N 5.62%; O 12.83%

Melting Point: Mp 57-58°

>>Derivative: Hydrochloride

Synonym(s): Alprenolol hydrochloride, JAN, USAN. Alfeprol

CAS Registry Number: 13707-88-5

Melting Point: Mp 108-110°

Hazard & Toxicity: LD₅₀ (rat, orl) 590 mg/kg

Sigma: A8676

References: