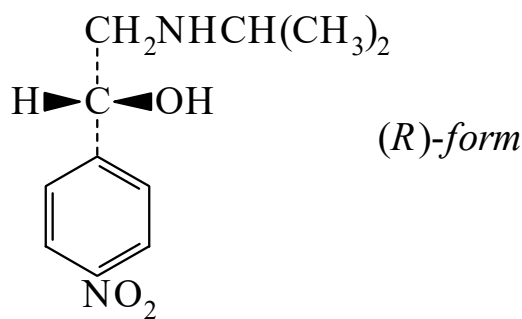




>>Entry Name: Nifenalol, INN

Synonym(s): α -[[[(1-Methylethyl)amino]methyl]-4-nitrobenzenemethanol, 9Cl. α -[(Isopropylamino)methyl]-*p*-nitrobenzyl alcohol, 8Cl. Isophenethanol. Impeasel. Inepa. Inpea



CAS Registry Number: 5054-57-9

Related CAS Registry Numbers(s): 74-10-2 7349-37-3

Molecular Formula: C₁₁H₁₆N₂O₃

Molecular Weight: 224.259

Accurate Mass: 224.116093

Percentage Composition: C 58.91%; H 7.19%; N 12.49%; O 21.40%

Biological Use/Importance: β -Adrenergic blocker used for treatment of angina

Calculated Log P Data: Log P 1.16 (calc)

Hazard & Toxicity: LD₅₀ (mus, ipr) 207 mg/kg

Rare Chemicals Library: S17718-0

>>Variant: (*R*)-form

CAS Registry Number: 5302-35-2

Molecular Formula: C₁₁H₁₆N₂O₃

Molecular Weight: 224.259

Accurate Mass: 224.116093

Percentage Composition: C 58.91%; H 7.19%; N 12.49%; O 21.40%

Physical Description: Orange solid

Melting Point: Mp 118-121°

Other Data: Pharmacol. active isomer

>>Derivative: Hydrochloride

CAS Registry Number: 7388-03-6

Melting Point: Mp 217-218°

Optical Rotation: $[\alpha]_{\text{D}}^{20}$ -41 (c, 2 in H₂O)

>>Variant: ($\pm$)-form

CAS Registry Number: 7413-36-7

Molecular Formula: C₁₁H₁₆N₂O₃

Molecular Weight: 224.259

Accurate Mass: 224.116093

Percentage Composition: C 58.91%; H 7.19%; N 12.49%; O 21.40%

Melting Point: Mp 98°

>>Derivative: Hydrochloride

CAS Registry Number: 5704-60-9

Melting Point: Mp 181°

References: