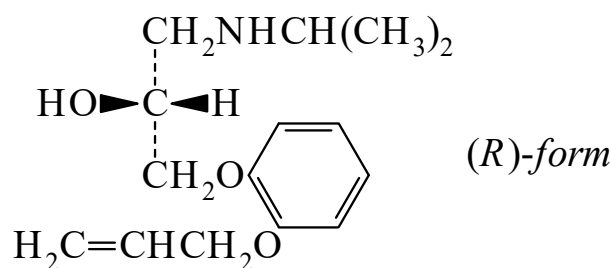




>>Entry Name: **Oxprenolol**, BAN, INN

Synonym(s): 1-[(1-Methylethylamino)-3-[4-(2-propenyloxy)phenoxy]-2-propanol, 9Cl. 1-[*o*-(Allyloxy)phenoxy]-3-(isopropylamino)-2-propanol, 8Cl. Coretal. Many other names



CAS Registry Number: 6452-71-7

Related CAS Registry Numbers(s): 71265-68-4

Molecular Formula: C₁₅H₂₃NO₃

Molecular Weight: 265.352

Accurate Mass: 265.167794

Percentage Composition: C 67.90%; H 8.74%; N 5.28%; O 18.09%

Calculated Log P Data: Log P 1.69 (calc)

Other Data: Component of Trasidrex

Hazard & Toxicity: LD₅₀ (rat, orl) 730 mg/kg

>>Variant: (*R*)-form

CAS Registry Number: 31576-00-8

Molecular Formula: C₁₅H₂₃NO₃

Molecular Weight: 265.352

Accurate Mass: 265.167794

Percentage Composition: C 67.90%; H 8.74%; N 5.28%; O 18.09%

Physical Description: Cryst.

Optical Rotation: [α]_D²⁰+5.8 (c, 0.1 in Cupra A)

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

CAS Registry Number: 22972-98-1

Molecular Formula: C₁₅H₂₃NO₃

Molecular Weight: 265.352

Accurate Mass: 265.167794

Percentage Composition: C 67.90%; H 8.74%; N 5.28%; O 18.09%

Use/Importance: β -Adrenergic blocker, coronary vasodilator

Physical Description: Cryst. (hexane)

Melting Point: Mp 78-80°

>>Derivative: Hydrochloride

Synonym(s): Trasicor. Oxprenolol hydrochloride, JAN, USAN

CAS Registry Number: 6452-73-9

Extra CAS Registry Numbers(s): 22972-97-0

Melting Point: Mp 107-109°

Hazard & Toxicity: LD₅₀ (rat, orl) 214 mg/kg. Exp. reprod. effects

Sigma: O0253

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