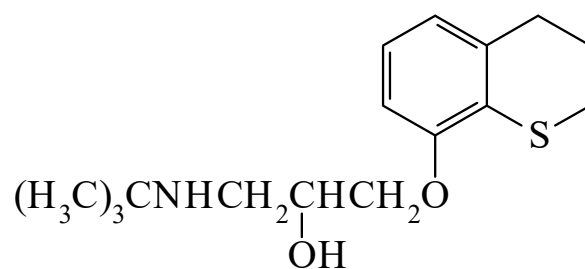




>>Entry Name: Tertatolol, BAN, INN

Synonym(s): 1-[(3,4-Dihydro-2H-1-benzothiopyran-8-yl)oxy]-3-[(1,1-dimethylethyl)amino]-2-propanol, 9Cl. 1-(*tert*-Butylamino)-3-(thiochroman-8-yloxy)-2-propanol. Tenaxil. S 2395



Related CAS Registry Numbers(s): 116127-10-7 117305-34-7

Molecular Formula: C₁₆H₂₅NO₂S

Molecular Weight: 295.445

Accurate Mass: 295.160599

Percentage Composition: C 65.05%; H 8.53%; N 4.74%; O 10.83%; S 10.85%

Use/Importance: β-Adrenoceptor antagonist. 5-HT_{1A}-receptor antagonist, vasodilator; used in the treatment of hypertension. Investigated for treatment of chronic renal failure. Inhibits human mesangial cell proliferation

Development Status: Launched 1987

Calculated Log P Data: Log P 3.18 (calc)

Other Data: Enantiomers known; (-)-form more potent (100x) than (+)-form

>>Variant: (±)-form

CAS Registry Number: 34784-64-0

Molecular Formula: C₁₆H₂₅NO₂S

Molecular Weight: 295.445

Accurate Mass: 295.160599

Percentage Composition: C 65.05%; H 8.53%; N 4.74%; O 10.83%; S 10.85%

Physical Description: Cryst. (heptane)

Melting Point: Mp 70-72°

>>Derivative: Hydrochloride

Synonym(s): Artex. Artexal. Prenalex

CAS Registry Number: 33580-30-2

Physical Description: Cryst. (MeCN)

Melting Point: Mp 180-183°

Hazard & Toxicity: LD₅₀ (rat, ipr) 90 mg/kg

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