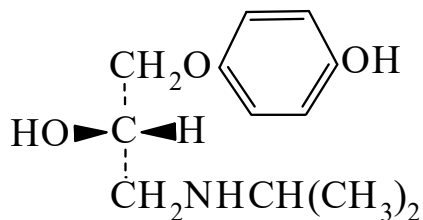




>>Entry Name: Prenalterol, BAN, INN

Synonym(s): 4-[2-Hydroxy-3-[(1-methylethyl)amino]propoxy]phenol, 9Cl. 1-(4-Hydroxyphenoxy)-3-(isopropylamino)-2-propanol. Hyprenan



Molecular Formula: C₁₂H₁₉NO₃

Molecular Weight: 225.287

Accurate Mass: 225.136494

Percentage Composition: C 63.98%; H 8.50%; N 6.22%; O 21.31%

Use/Importance: β₁-Adrenergic antagonist

Experimental Log P Data: Log P 1.1 (exp)

>>Variant: (S)-form

CAS Registry Number: 57526-81-5

Molecular Formula: C₁₂H₁₉NO₃

Molecular Weight: 225.287

Accurate Mass: 225.136494

Percentage Composition: C 63.98%; H 8.50%; N 6.22%; O 21.31%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 127-128°

Optical Rotation: [α]_D²⁰ -1 (c, 0.94 in MeOH)

Other Data: Pharmacol. active isomer

Hazard & Toxicity: Exp. teratogenic effects

>>Derivative: Hydrochloride

Synonym(s): Prenalterol hydrochloride, USAN. CGP 7760B

CAS Registry Number: 61260-05-7

References:

Ger. Pat., 1975, 2 503 968; *CA*, **84**, 5322a, (*synth*)

Ronn, O. *et al.*, *Eur. J. Clin. Pharmacol.*, 1979, **15**, 9, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 1253

Beta-blockers in Clinical Practice, (Eds. Cruickshank, J.M. *et al.*), 2nd edn., Churchill Livingstone, 1994, 1103, (*book*)