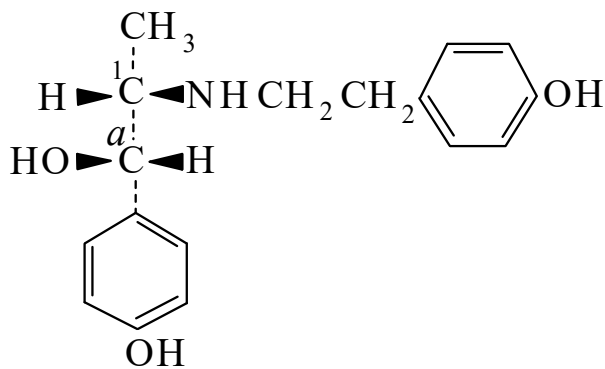




>>Entry Name: Ritodrine, BAN, INN, USAN

Synonym(s): 4-Hydroxy- α -[1-[[2-(4-hydroxyphenyl)ethyl]amino]ethyl]benzenemethanol, 9CI. *p*-Hydroxy- α -[1-[(*p*-hydroxyphenethyl)amino]ethyl]benzyl alcohol, 8CI



CAS Registry Number: 4635-27-2

Molecular Formula: C₁₇H₂₁NO₃

Molecular Weight: 287.358

Accurate Mass: 287.152144

Percentage Composition: C 71.06%; H 7.37%; N 4.87%; O 16.70%

Use/Importance: β -Adrenoceptor agonist. Uterine relaxant

>>Variant: (α RS,1'RS)-form

Synonym(s): ($\pm$)-*erythro*-form

CAS Registry Number: 26652-09-5

Molecular Formula: C₁₇H₂₁NO₃

Molecular Weight: 287.358

Accurate Mass: 287.152144

Percentage Composition: C 71.06%; H 7.37%; N 4.87%; O 16.70%

Melting Point: Mp 88-90°

>>Derivative: Hydrochloride

Synonym(s): Ritodrine hydrochloride, USAN. Miolene. Prempar. PrePar. Ritopar. Utopar. Yutopar. DU 21220. Materlac

CAS Registry Number: 23239-51-2

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 193-195 dec.°

Hazard & Toxicity: Human and exp. reprod. and teratogenic effects. LD₅₀ (mus, orl) 687 mg/kg

Sigma: R0758

References:

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