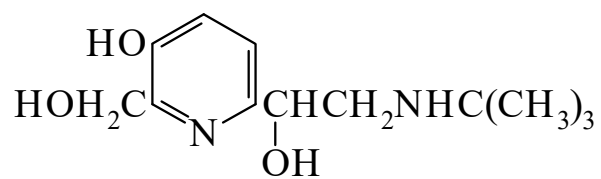




>>Entry Name: Pirbuterol, BAN, INN

Synonym(s): α^6 -[[[(1,1-Dimethylethyl)amino]methyl]-3-hydroxy-2,6-pyridinedimethanol, 9Cl



CAS Registry Number: 38677-81-5

Molecular Formula: C₁₂H₂₀N₂O₃

Molecular Weight: 240.302

Accurate Mass: 240.147393

Percentage Composition: C 59.98%; H 8.39%; N 11.66%; O 19.97%

Use/Importance: β -Adrenoceptor agonist. Bronchodilator

Calculated Log P Data: Log P -0.43 (calc)

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

Molecular Formula: C₁₂H₂₀N₂O₃

Molecular Weight: 240.302

Accurate Mass: 240.147393

Percentage Composition: C 59.98%; H 8.39%; N 11.66%; O 19.97%

>>Derivative: Hydrochloride (1:2)

Synonym(s): Pirbuterol hydrochloride, JAN, USAN. CP 24314-1

CAS Registry Number: 38029-10-6

Physical Description: Cryst. (EtOH/diisopropyl ether)

Melting Point: Mp 182 dec.^o

Hazard & Toxicity: LD₅₀ (rat, orl) 2000 mg/kg. Exp. reprod. and teratogenic effects

>>Derivative: Acetate

Synonym(s): Pirbuterol acetate, USAN. Exirel[†]. Exrel. CP 24314-14

CAS Registry Number: 65652-44-0

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