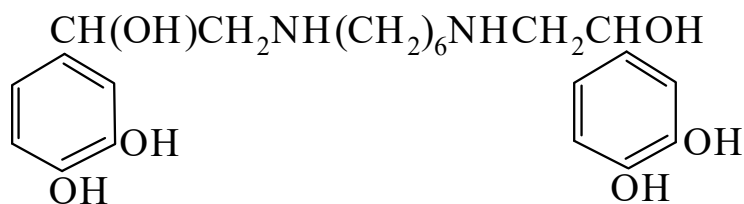




>>Entry Name: **Hexoprenaline**, BAN, INN

Synonym(s): 4,4'-[1,6-Hexanediylbis[imino(1-hydroxy-2,1-ethanediyl)]]bis-1,2-benzenediol, 9Cl. α,α' -[Hexamethylenebis(iminomethylene)]bis[3,4-dihydroxybenzyl alcohol], 8Cl. Bronalin. Broncholysin. Etoscol. Gynipral. **Ipradol**‡. Leanol. Prelin. Tokolysan. Byk 1512. ST 1512



CAS Registry Number: 3215-70-1

Molecular Formula: C₂₂H₃₂N₂O₆

Molecular Weight: 420.505

Accurate Mass: 420.226038

Percentage Composition: C 62.84%; H 7.67%; N 6.66%; O 22.83%

Use/Importance: β_2 -Adrenoceptor agonist. Bronchodilator. Tocolytic agent

Physical Description: Cryst. + 1½ H₂O

Development Status: Discontinued

Melting Point: Mp 162-165°

Calculated Log P Data: Log P 0.05 (calc)

>>Derivative: Hydrochloride (1:2)

Synonym(s): Hexoprenaline hydrochloride, JAN

CAS Registry Number: 4323-43-7

Physical Description: Cryst. (MeOH/Et₂O)

Melting Point: Mp 197.5-198°

Hazard & Toxicity: LD₅₀ (rat, orl) 10000 mg/kg. LD₅₀ (rat, ipr) 139 mg/kg. Exp. reprod. and teratogenic effects

>>Derivative: Sulfate

Synonym(s): Hexoprenaline sulfate, JAN

CAS Registry Number: 32266-10-7

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 222-228°

References:

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