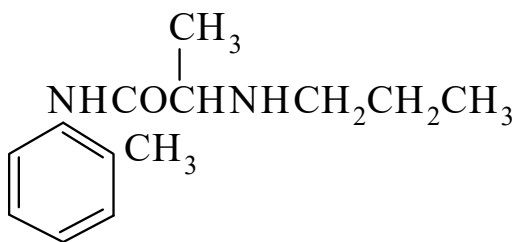




>>Entry Name: Prilocaine, BAN, INN, USAN

Synonym(s): *N*-[(2-Methylphenyl)-2-propylamino]propanamide, 9Cl. 2-(Propylamino)-*o*-propionotoluidide, 8Cl. Propitocaine



CAS Registry Number: 721-50-6

Molecular Formula: C₁₃H₂₀N₂O

Molecular Weight: 220.314

Accurate Mass: 220.157563

Percentage Composition: C 70.87%; H 9.15%; N 12.72%; O 7.26%

Use/Importance: Local anaesthetic

Calculated Log P Data: Log P 1.96 (calc)

>>Variant: (±)-form

Molecular Formula: C₁₃H₂₀N₂O

Molecular Weight: 220.314

Accurate Mass: 220.157563

Percentage Composition: C 70.87%; H 9.15%; N 12.72%; O 7.26%

Physical Description: Needles

Melting Point: Mp 37-38°

Boiling Point: Bp₁ 159-162°

>>Derivative: Hydrochloride

Synonym(s): Prilocaine hydrochloride, JAN, USAN. Citanest. Distracaine. Prilotane. Xylanest. Xylonest. Astra 1512

CAS Registry Number: 1786-81-8

Physical Description: Cryst. (EtOH/diisopropyl ether)

Melting Point: Mp 167-168°

Hazard & Toxicity: Main adverse systemic effects are on CNS and cardiovascular system. Potential for causing methaemoglobinaemia (via metab. to 2-Methylaniline BHW30-U). LD₅₀ (rat, ipr) 148 mg/kg

Sigma: P9547

References:

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