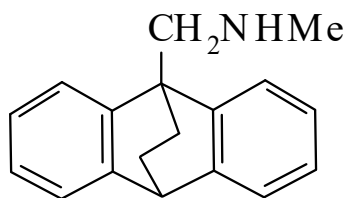




>>Entry Name: Benzoctamine, BAN, INN

Synonym(s): *N*-Methyl-9,10-ethanoanthracene-9(10*H*)-methanamine, 9Cl. 9-(Methylaminomethyl)-9,10-ethanoanthracene



CAS Registry Number: 17243-39-9

Molecular Formula: C₁₈H₁₉N

Molecular Weight: 249.355

Accurate Mass: 249.151749

Percentage Composition: C 86.70%; H 7.68%; N 5.62%

Use/Importance: Antihypertensive agent, shows 5-HT₂-receptor and α -adrenoreceptor blocking props. Analgesic, sedative, muscle relaxant

Calculated Log P Data: Log P 3.47 (calc)

Other Data: Used mainly as hydrochloride

Hazard & Toxicity: LD₅₀ (rat, orl) 600 mg/kg. LD₅₀ (rat, ipr) 125 mg/kg

>>Derivative: Hydrochloride

Synonym(s): Benzoctamine hydrochloride, USAN. Tacitin. Tacital. Tacitil. Bicyclonium. Ba 30803. Ciba 30803. ME 910

CAS Registry Number: 10085-81-1

Melting Point: Mp 320-322°

pKa Value: pK_a 7.6

Hazard & Toxicity: LD₅₀ (rat, orl) 700 mg/kg. Exp. teratogenic effects

References:

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