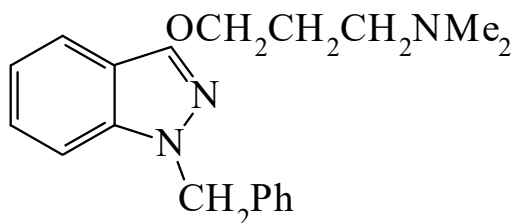




>>Entry Name: Benzydamine, BAN, INN

Synonym(s): *N,N*-Dimethyl-3-[[1-(phenylmethyl)-1*H*-indazol-3-yl]oxy]-1-propanamine, 9Cl. 1-Benzyl-2-(3-dimethylaminopropoxy)indazole. 1-Benzyl-1*H*-indazol-3-yl 3-dimethylaminopropyl ether. Benzidamine. Benzindamine



CAS Registry Number: 642-72-8

Molecular Formula: C₁₉H₂₃N₃O

Molecular Weight: 309.41

Accurate Mass: 309.184112

Percentage Composition: C 73.76%; H 7.49%; N 13.58%; O 5.17%

Use/Importance: Analgesic, antipyretic, antiinflammatory drug

Boiling Point: Bp_{0.05} 160°

Calculated Log P Data: Log P 3.15 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 950 mg/kg

>>Derivative: Hydrochloride

Synonym(s): Benzydamine hydrochloride, JAN, USAN. Tantum. Benalgin

CAS Registry Number: 132-69-4

Melting Point: Mp 160°

Solubility: V. sol. H₂O

Hazard & Toxicity: Eye irritant. Topical application can cause skin and mucous membrane irritation. LD₅₀ (rat, orl) 740 mg/kg. Exp. reprod and teratogenic effects

Sigma: B5524

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