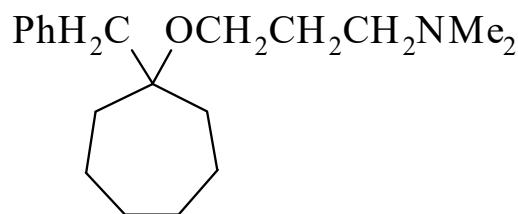




>>Entry Name: Bencyclane, INN

Synonym(s): *N,N*-Dimethyl-3-[[1-(phenylmethyl)cycloheptyl]oxy]-1-propanamine, 9Cl. 3-[(1-Benzylcycloheptyl)oxy]-*N,N*-dimethylpropylamine, 8Cl. 1-Benzyl-1-(3-dimethylaminopropoxy)cycloheptane



CAS Registry Number: 2179-37-5

Molecular Formula: C₁₉H₃₁NO

Molecular Weight: 289.46

Accurate Mass: 289.240564

Percentage Composition: C 78.84%; H 10.79%; N 4.84%; O 5.53%

Use/Importance: Antispasmodic. Vasodilator. Platelet aggregation inhibitor

Boiling Point: Bp₃ 146-156°

Calculated Log P Data: Log P 4.06 (calc)

>>Derivative: Fumarate (1:1)

Synonym(s): Bencyclane fumarate, JAN. Angiociclan. Dilangio. Halidor. Vasorelax. Fludilat. Many other names

CAS Registry Number: 14286-84-1

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 131-133°

Hazard & Toxicity: LD₅₀ (rat, orl) 414 mg/kg

>>Derivative: Picrate

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 102.5-103.5°

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