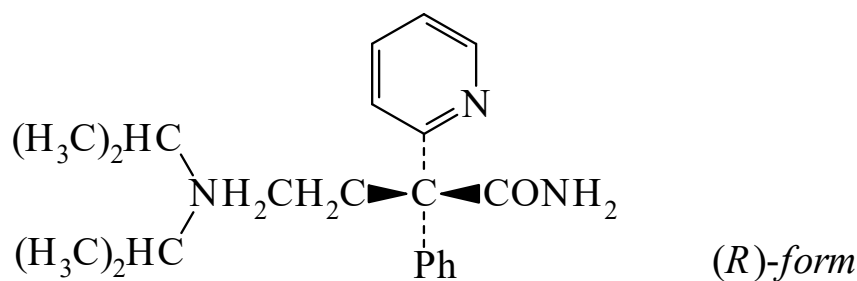




>>Entry Name: Disopyramide, BAN, INN, JAN, USAN

Synonym(s): α -[2-[Bis(1-methylethyl)amino]ethyl]- α -phenyl-2-pyridineacetamide, 9Cl. α -[2-(Diisopropylamino)ethyl]- α -phenyl-2-pyridineacetamide, 8Cl. Rythmodan. Ritmodan. Many other names



CAS Registry Number: 3737-09-5

Type of Compound Code(s): XA1050

Molecular Formula: C₂₁H₂₉N₃O

Molecular Weight: 339.48

Accurate Mass: 339.231062

Percentage Composition: C 74.30%; H 8.61%; N 12.38%; O 4.71%

Use/Importance: Antiarrhythmic agent

Calculated Log P Data: Log P 1.57 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 333 mg/kg. Exp. reprod. and teratogenic effects

Sigma: D7275

>>Variant: (*R*)-form

CAS Registry Number: 74464-83-8

Molecular Formula: C₂₁H₂₉N₃O

Molecular Weight: 339.48

Accurate Mass: 339.231062

Percentage Composition: C 74.30%; H 8.61%; N 12.38%; O 4.71%

Physical Description: Cryst. (hexane)

Melting Point: Mp 82.5-84°

Optical Rotation: [α]_D -19.4 (c, 1 in MeOH)

>>Variant: ($\pm$)-form

CAS Registry Number: 74427-45-5

Molecular Formula: C₂₁H₂₉N₃O

Molecular Weight: 339.48

Accurate Mass: 339.231062

Percentage Composition: C 74.30%; H 8.61%; N 12.38%; O 4.71%

Melting Point: Mp 94.5-95°

>>Derivative: Phosphate

Synonym(s): Disopyramide phosphate, JAN, USAN. Norpace

CAS Registry Number: 22059-60-5

Hazard & Toxicity: LD₅₀ (rat, orl) 880 mg/kg. Exp. reprod. and teratogenic effects

Sigma: D6035

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