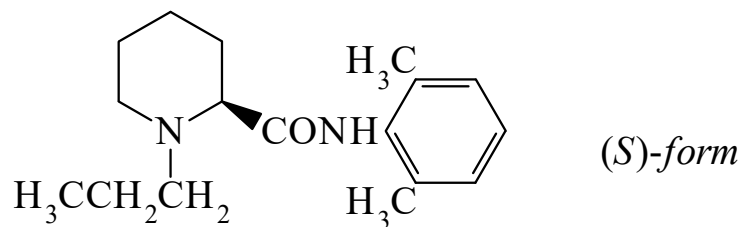




>>Entry Name: Ropivacaine, BAN, INN

Synonym(s): *N*-(2,6-Dimethylphenyl)-1-propyl-2-piperidinecarboxamide, 9Cl. 1-Propyl-2',6'-pipecoloxylidide. Naropin. AL 281



Related CAS Registry Numbers(s): 98626-61-0 98717-16-9 132112-35-7

Molecular Formula: C₁₇H₂₆N₂O

Molecular Weight: 274.405

Accurate Mass: 274.204513

Percentage Composition: C 74.41%; H 9.55%; N 10.21%; O 5.83%

Use/Importance: Sodium channel blocker. Long-acting local anaesthetic

Development Status: Launched 1996 (Netherlands) (Astra)

Calculated Log P Data: Log P 3.48 (calc)

>>Variant: (*S*)-form

CAS Registry Number: 84057-95-4

Molecular Formula: C₁₇H₂₆N₂O

Molecular Weight: 274.405

Accurate Mass: 274.204513

Percentage Composition: C 74.41%; H 9.55%; N 10.21%; O 5.83%

Physical Description: Cryst. (toluene)

Melting Point: Mp 144-146°

Optical Rotation: $[\alpha]_D^{25} -82$ (c, 2 in MeOH)

pKa Value: pK_a 8.07

>>Derivative: Hydrochloride

CAS Registry Number: 98717-15-8

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 260-262°

Optical Rotation: $[\alpha]_D^{25} -6.6$ (c, 2 in H₂O)

References:

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