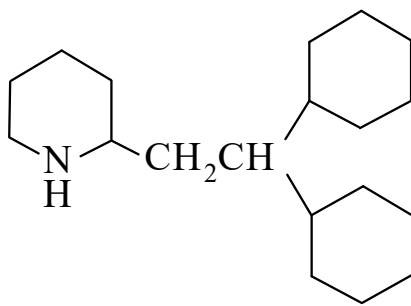




>>Entry Name: Perhexiline, BAN, INN

Synonym(s): 2-(2,2-Dicyclohexylethyl)piperidine, 9CI, 8CI



CAS Registry Number: 6621-47-2

Molecular Formula: C₁₉H₃₅N

Molecular Weight: 277.492

Accurate Mass: 277.276949

Percentage Composition: C 82.24%; H 12.71%; N 5.05%

Use/Importance: Antianginal drug. Diuretic. Vasodilator

Development Status: Discontinued

>>Variant: (±)-form

Molecular Formula: C₁₉H₃₅N

Molecular Weight: 277.492

Accurate Mass: 277.276949

Percentage Composition: C 82.24%; H 12.71%; N 5.05%

Calculated Log P Data: Log P 6.77 (calc)

>>Derivative: Hydrochloride

CAS Registry Number: 6621-48-3

Melting Point: Mp 150-151.5°

>>Derivative: Maleate (1:1)

Synonym(s): Perhexiline maleate, BAN, USAN. Corzepin. Daprin. Nodixil. Pexid. WSM 3978G

CAS Registry Number: 6724-53-4

Melting Point: Mp 188.5-191°

Hazard & Toxicity: Severe toxic effects when used therapeutically incl. peripheral neuropathies and liver damage. Adverse effects linked to impaired oxidative metabolism. LD₅₀ (rat, orl) 2150 mg/kg

Sigma: P3028

References:

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