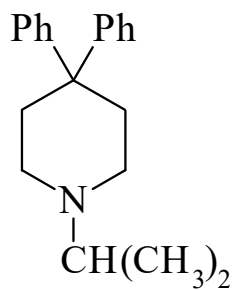




>>Entry Name: 1-Isopropyl-4,4-diphenylpiperidine

Synonym(s): 1-(1-Methylethyl)-4,4-diphenylpiperidine, 9CI. **Prodipine**, INN. Anthen



CAS Registry Number: 31314-38-2

Molecular Formula: C₂₀H₂₅N

Molecular Weight: 279.424

Accurate Mass: 279.198699

Percentage Composition: C 85.97%; H 9.02%; N 5.01%

Use/Importance: Antiparkinsonian agent

Physical Description: Yellow oil

Development Status: Never marketed

Boiling Point: Bp_{0.01} 117-125°

Calculated Log P Data: Log P 5.2 (calc)

>>Derivative: Hydrochloride

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 267°

References:

Ger. Pat., 1971, *Chem Fabrik Promonta*, 1 936 452; *CA*, **74**, 99892e, (*synth, pharmacol*)

Planz, G. *et al.*, *Arzneim.-Forsch.*, 1973, **23**, 281, (*pharmacol*)

Eltze, M., *Arzneim.-Forsch.*, 1980, **30**, 1129, (*pharmacol*)

Schaefer, H. *et al.*, *Arzneim.-Forsch.*, 1984, **34**, 233, (*synth, props, pharmacol*)