



>>Entry Name: Pivhydrazine, BAN

Synonym(s): 2,2-Dimethylpropanoic acid 2-(phenylmethyl)hydrazide, 9Cl. Pivalic acid 2-benzylhydrazide, 8Cl. Pivalylbenzhydrazine. Angorvid. Betamezid. Neomarsilid. Pivazide. Tersavid. Ro 4-1634

CAS Registry Number: 306-19-4

PhCH2NHNHCOC(CH3)3

Molecular Formula: C₁₂H₁₈N₂O

Molecular Weight: 206.287

Accurate Mass: 206.141913

Percentage Composition: C 69.87%; H 8.79%; N 13.58%; O 7.76%

Use/Importance: Monoamine oxidase inhibitor

Development Status: Discontinued

Melting Point: Mp 68-69°

Calculated Log P Data: Log P 1.4 (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 400 mg/kg

References:

U.K. Pat., 1961, 883 379; *CA*, **56**, 11496, (*synth, pharmacol*)

Eble, J.N., *J. Pharmacol. Exp. Ther.*, 1965, **148**, 48, (*pharmacol*)

Kuhnert-Brandstaetter, M. *et al.*, *Sci. Pharm.*, 1974, **42**, 150, (*uv*)

Bolton, G.C. *et al.*, *Drug Metab. Dispos.*, 1979, **7**, 388, (*metab*)