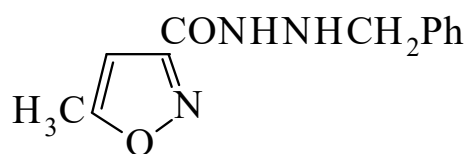




>>Entry Name: Isocarboxazid, BAN, INN

Synonym(s): 5-Methyl-3-isoxazolecarboxylic acid 2-benzylhydrazide, 8Cl. 3-(2-Benzylhydrazinocarbonyl)-5-methylisoxazole. Enerzer. Marplan. Marplon. Ro 5-0831. U 10387



CAS Registry Number: 59-63-2

Molecular Formula: C₁₂H₁₃N₃O₂

Molecular Weight: 231.254

Accurate Mass: 231.100777

Percentage Composition: C 62.33%; H 5.67%; N 18.17%; O 13.84%

Use/Importance: Monoamine oxidase inhibitor. Antidepressant

Physical Description: Cryst. (MeOH)

Melting Point: Mp 105-106°

Calculated Log P Data: Log P 0.97 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 280 mg/kg

References:

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Ho, B.T. *et al.*, *J. Pharm. Sci.*, 1972, **61**, 821, (*rev*)

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Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 257

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