



Boiling Point: Bp₁₈ 124°

>>**Derivative:** Phenylurethane

Physical Description: Needles (petrol)

Melting Point: Mp 81-82°

>>**Derivative:** Carbamate

Synonym(s): Carfimate, INN. Equilium. Nirvotin

CAS Registry Number: 3567-38-2

Molecular Formula: C₁₀H₉NO₂

Molecular Weight: 175.187

Accurate Mass: 175.063329

Percentage Composition: C 68.56%; H 5.18%; N 8.00%; O 18.27%

Use/Importance: Antineoplastic agent, sedative, hypnotic

Melting Point: Mp 86-88°

Calculated Log P Data: Log P 1.58 (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 275 mg/kg

References:

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Purcell, W.P. *et al.*, *J. Med. Chem.*, 1968, **11**, 199, (*carbamate*)
Viola, A. *et al.*, *J.A.C.S.*, 1977, **99**, 7390, (*resoln*)
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Henderson, M.A. *et al.*, *J.O.C.*, 1988, **53**, 4736, (*synth, ir, pmr, cmr*)
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