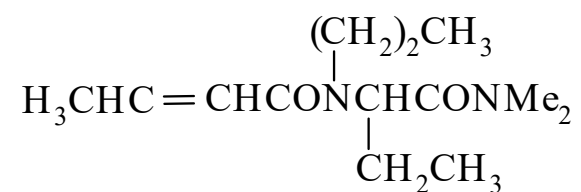




>>Entry Name: **Cropropamide**, BAN, INN

Synonym(s): *N*-[1-[(Dimethylamino)carbonyl]propyl]-*N*-propyl-2-butenamide, 9CI. *N*-[1-(Dimethylcarbamoyl)propyl]-*N*-propylcrotonamide, 8CI



CAS Registry Number: 633-47-6

Related CAS Registry Numbers(s): 3544-46-5 8015-51-8

Molecular Formula: C₁₃H₂₄N₂O₂

Molecular Weight: 240.345

Accurate Mass: 240.183778

Percentage Composition: C 64.97%; H 10.06%; N 11.66%; O 13.31%

Biological Use/Importance: Analgesic. CNS stimulant

Calculated Log P Data: Log P 1.81 (uncertain value) (calc)

>>Variant: (±)-form

Molecular Formula: C₁₃H₂₄N₂O₂

Molecular Weight: 240.345

Accurate Mass: 240.183778

Percentage Composition: C 64.97%; H 10.06%; N 11.66%; O 13.31%

Boiling Point: Bp_{0.25} 128-130°

Solubility: Sol. H₂O, Et₂O

Other Data: When combined with Crotetamide [CXS61-D](#) used as respiratory stimulant. Component of Prethcainide, Gycoren, Miconen and Respirot

References:

U.S. Pat., 1949, 2 447 587; *CA*, **43**, 248g, (*synth*)

Setnikar, I. *et al.*, *Arch. Int. Pharmacodyn. Ther.*, 1964, **147**, 543, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., *Pharmaceutical Press*, 1982, 1441