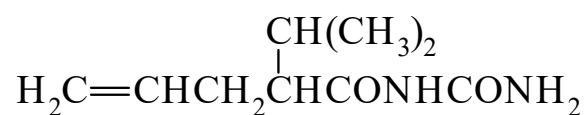




>>Entry Name: Apronolide

Synonym(s): *N*-(Aminocarbonyl)-2-(1-methylethyl)-4-pentenamide, 9Cl. 2-Isopropyl-4-pentenoylurea, 8Cl. Allylisopropyl acetylurea. Apronalide. Apronal. Aripronal. Dormid. Isodormid. Neurokin. Sedormid



CAS Registry Number: 528-92-7

Molecular Formula: C₉H₁₆N₂O₂

Molecular Weight: 184.238

Accurate Mass: 184.121178

Percentage Composition: C 58.67%; H 8.75%; N 15.21%; O 17.37%

Use/Importance: Sedative. Analgesic

Calculated Log P Data: Log P 1.31 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 1050 mg/kg

>>Variant: (±)-form

Molecular Formula: C₉H₁₆N₂O₂

Molecular Weight: 184.238

Accurate Mass: 184.121178

Percentage Composition: C 58.67%; H 8.75%; N 15.21%; O 17.37%

Physical Description: Needles (EtOH)

Melting Point: Mp 190-191°

Solubility: Insol. H₂O

References:

Riedel, J.D., *Chem. Zentralbl.*, 1928, 940, (*synth*)

Demole, V., *Dtsch. Med. Wochenschr.*, 1928, **54**, 1166, (*pharmacol*)

Graef, V. *et al.*, *Steroids*, 1984, **44**, 267, (*pharmacol*)

Kuhnert-Brandstaetter, M. *et al.*, *Sci. Pharm.*, 1986, **54**, 61, (*polymorph*)