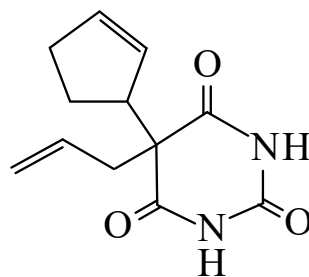




>>Entry Name: 5-(2-Cyclopenten-1-yl)-5-(2-propenyl)-2,4,6(1*H*,3*H*,5*H*)-pyrimidinetrione, 9CI

Synonym(s): 5-Allyl-5-(2-cyclopentenyl)barbituric acid, 8CI. Allylpental. Cyclopentobarbital. Ciclopal. Cyclopal. Cyclopea. Cyclopental. Dormisan. Hypalène



CAS Registry Number: 76-68-6

Molecular Formula: C₁₂H₁₄N₂O₃

Molecular Weight: 234.254

Accurate Mass: 234.100443

Percentage Composition: C 61.53%; H 6.02%; N 11.96%; O 20.49%

Biological Use/Importance: Hypnotic, sedative

Physical Description: Cryst. with bitter taste

Melting Point: Mp 139-140°

Solubility: Sl. sol. H₂O, sol. org. solvs.

Calculated Log P Data: Log P 1.16 (calc)

Hazard & Toxicity: LD₅₀ (rat, ipr) 90 mg/kg

Sigma: A7787

References:

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Gruetzmacher, H.F. *et al.*, *Tet. Lett.*, 1966, 1365, (*ms*)

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