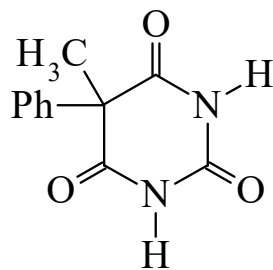




>>Entry Name: 5-Methyl-5-phenylbarbituric acid

Synonym(s): 5-Methyl-5-phenyl-2,4,6(1*H*,3*H*,5*H*)-pyrimidinetrione, 9Cl. **Heptobarbital**‡. Eudan. Methylphenylbarbital. Rutonal. Mephebarbital



CAS Registry Number: 76-94-8

Molecular Formula: C₁₁H₁₀N₂O₃

Molecular Weight: 218.212

Accurate Mass: 218.069143

Percentage Composition: C 60.55%; H 4.62%; N 12.84%; O 22.00%

Use/Importance: Hypnotic, anticonvulsant, antiepileptic

Physical Description: Cryst.

Melting Point: Mp 226-228°

pKa Value: p*K*_{a1} 7.78 (25°,H₂O)

Calculated Log P Data: Log P 0.84 (uncertain value) (calc)

References:

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