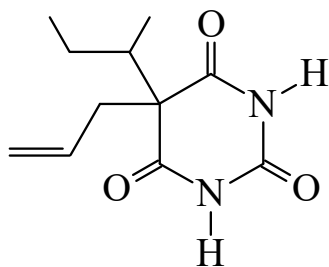




>>Entry Name: Talbutal, INN, USAN

Synonym(s): 5-(1-Methylpropyl)-5-(2-propenyl)-2,4,6(1*H*,3*H*,5*H*)-pyrimidinetrione, 9Cl. 5-Allyl-5-*sec*-butylbarbituric acid, 8Cl. Lutawin. Lotusate. Profundol



CAS Registry Number: 115-44-6

Molecular Formula: C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight: 224.259

Accurate Mass: 224.116093

Percentage Composition: C 58.91%; H 7.19%; N 12.49%; O 21.40%

Use/Importance: Sedative, hypnotic

Calculated Log P Data: Log P 1.63 (calc)

Hazard & Toxicity: LD<sub>50</sub> (rat, orl) 57.5 mg/kg

>>Variant: (±)-form

Molecular Formula: C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight: 224.259

Accurate Mass: 224.116093

Percentage Composition: C 58.91%; H 7.19%; N 12.49%; O 21.40%

Melting Point: Mp 108-110°

pKa Value: pK<sub>a</sub> 7.9 (20°)

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