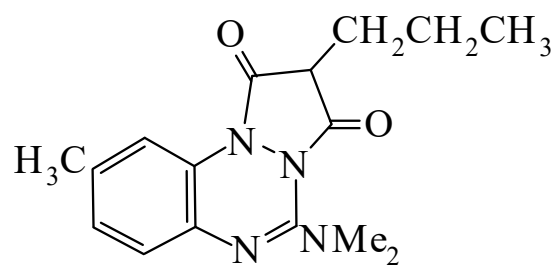




>>Entry Name: Azapropazone, BAN, INN, JAN

Synonym(s): 5-(Dimethylamino)-9-methyl-2-propyl-1*H*-pyrazolo[1,2-*a*][1,2,4]benzotriazine-1,3(2*H*)-dione, 9Cl, 8Cl. **Apazone**, USAN. Cinnopropazone. NSC 102824. Cinnamin. Many other names



CAS Registry Number: 13539-59-8

Molecular Formula: C₁₆H₂₀N₄O₂

Molecular Weight: 300.36

Accurate Mass: 300.158626

Percentage Composition: C 63.98%; H 6.71%; N 18.65%; O 10.65%

General Statement: Enolised 1,3-dione. Zwitterionic in cryst. state with positive charge on N-6 and minus charge distributed over the enolised 1,3-dione system

Use/Importance: Analgesic and antiinflammatory agent

Physical Description: Needles (MeOH)

Melting Point: Mp 247-248° (228°)

pKa Value: pK_a 6.46 ((basic))

Hazard & Toxicity: Gastrointestinal disturbances, allergic skin rashes and photosensitivity, and effects on kidneys, liver and lungs reported when used therapeutically. LD₅₀ (rat, orl) 1800 mg/kg

>>Derivative: Dihydrate

Melting Point: Mp 247-248°

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