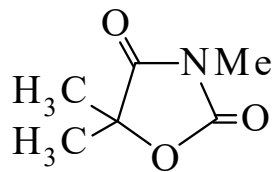




>>Entry Name: 3,5,5-Trimethyl-2,4-oxazolidinedione, 9CI, 8CI

Synonym(s): Troxidone, BAN. Trimethadione, INN, JAN, USAN. Absentol. Edion. Petidon. Tridione. Tendal. Many other names



CAS Registry Number: 127-48-0

Molecular Formula: C₆H₉NO₃

Molecular Weight: 143.142

Accurate Mass: 143.058244

Percentage Composition: C 50.35%; H 6.34%; N 9.79%; O 33.53%

Use/Importance: Analgesic, anticonvulsant, antiepileptic agent

Physical Description: Cryst. (MeOH aq.) with slight camphor-like odour

Melting Point: Mp 46.5°

Boiling Point: Bp₅ 78-80°

Solubility: Sl. sol. H₂O

Hazard & Toxicity: Human and exp. teratogen. Common side effects incl. drowsiness, photophobia and visual disturbance in bright light. LD₅₀ (rat, orl) 2140 mg/kg

Sigma: T0781

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