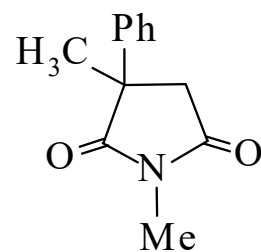




>>Entry Name: **1,3-Dimethyl-3-phenyl-2,5-pyrrolidinedione**, 9CI

Synonym(s): *N*,2-Dimethyl-2-phenylsuccinimide, 8CI. **Methsuximide**, BAN. Mesuximide, INN. Celontin. Metosuccimide. Petinutin. PM 396



CAS Registry Number: 77-41-8

Type of Compound Code(s): XA1400

Molecular Formula: C₁₂H₁₃NO₂

Molecular Weight: 203.24

Accurate Mass: 203.094629

Percentage Composition: C 70.92%; H 6.45%; N 6.89%; O 15.74%

Biological Use/Importance: Antiepileptic drug

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 52-53°

Boiling Point: Bp_{0.1} 121-122°

Calculated Log P Data: Log P 1.48 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 900 mg/kg. Exp. teratogen

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