



>>Entry Name: *N,N*-Dimethyl-*N'*-phenylurea, 9CI

Synonym(s): Fenuron, ANSI, BSI, ISO, WSSA. Dybar. Falisilvan. Fenidin. Omicure 94. PDU

CAS Registry Number: 101-42-8

PhNHCONMe₂

Molecular Formula: C₉H₁₂N₂O

Molecular Weight: 164.207

Accurate Mass: 164.094963

Percentage Composition: C 65.83%; H 7.37%; N 17.06%; O 9.74%

Use/Importance: Herbicide

Physical Description: Cryst. (hexane/EtOH)

Melting Point: Mp 131-133°

Hazard & Toxicity: LD₅₀ (rat, orl) 6400 mg/kg

Aldrich: 34623-3

Rare Chemicals Library: S57971-8

>>Derivative: Trichloroacetate salt

Synonym(s): Fenuron-TCA. Urab

CAS Registry Number: 4482-55-7

Use/Importance: Herbicide

Melting Point: Mp 65-68°

Solubility: Sol. H₂O

References:

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