



>>Entry Name: **1,2-Diacetylhydrazine**

Synonym(s): Acetic acid 2-acetylhydrazide, 9Cl. Hydrazodiacetyl

CAS Registry Number: 3148-73-0

AcNHNHAc

Molecular Formula: C₄H₈N₂O₂

Molecular Weight: 116.119

Accurate Mass: 116.058578

Percentage Composition: C 41.37%; H 6.94%; N 24.12%; O 27.56%

Physical Description: Leaflets + 1H₂O

Melting Point: Mp 140° (anhyd.)

Boiling Point: Bp₁₅ 209°

Aldrich: D840-2

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 1256A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 769A, (*ir*)

Beech, S.G. *et al.*, *J.C.S.*, 1952, 4686, (*synth*)

Wu, D.-Y. *et al.*, *J.O.C.*, 1952, **17**, 1216, (*synth*)