



>>Entry Name: 3',4'-Difluoroacetophenone

ENTRY UNDER REVIEW

Synonym(s): 1-(3,4-Difluorophenyl)ethanone. 4-Acetyl-1,2-difluorobenzene

CAS Registry Number: 369-33-5

Molecular Formula: C₈H₆F₂O

Molecular Weight: 156.132

Accurate Mass: 156.038671

Percentage Composition: C 61.54%; H 3.87%; F 24.34%; O 10.25%

Physical Description: Cryst.

Melting Point: Mp 19.5-20°

Boiling Point: Bp₁₃ 94-95°. Bp_{0.1} 39°

Aldrich: 26428-8

Sigma: D1281

>>Derivative: 2,4-Dinitrophenylhydrazone

Physical Description: Cryst. (EtOH)

Melting Point: Mp 186°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 837B, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1249D, (*ir*)

Minor, J.T. *et al.*, *J.O.C.*, 1952, **17**, 1425, (*synth*)