



>>Entry Name: 2',5'-Difluoroacetophenone

ENTRY UNDER REVIEW

Synonym(s): 1-(2,5-Difluorophenyl)ethanone. 2-Acetyl-1,4-difluorobenzene

CAS Registry Number: 1979-36-8

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: Liq.

Boiling Point: Bp₅ 61°

Aldrich: 26426-1

>>Derivative: 2,4-Dinitrophenylhydrazone

Physical Description: Cryst. (EtOH)

Melting Point: Mp 157°

References:

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

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

Bergmann, E.D. *et al.*, *J.O.C.*, 1961, **26**, 919, (*synth*, *uv*, *ir*)

Joshi, K.C. *et al.*, *J.C.S. Perkin 1*, 1977, 1127, (*synth*)