



>>Entry Name: 2',6'-Difluoroacetophenone

Synonym(s): 1-(2,6-Difluorophenyl)ethanone. 2-Acetyl-1,3-difluorobenzene

CAS Registry Number: 13670-99-0

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: Bp₁₅ 76-79°

Aldrich: 23289-0

>>Derivative: Oxime

Molecular Formula: C₈H₇F₂NO

Molecular Weight: 171.146

Accurate Mass: 171.04957

Percentage Composition: C 56.14%; H 4.12%; F 22.20%; N 8.18%; O 9.35%

Physical Description: Needles (petrol)

Melting Point: Mp 94.5-95.5°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 836B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 27D, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1248A, (*ir*)

Abraham, R.J. *et al.*, *J.C.S.(B)*, 1967, 835, (*nmr*)

U.K. Pat., 1967, 1 080 167; *CA*, **68**, 95518r, (*synth*)

Roe, A.M. *et al.*, *J. Med. Chem.*, 1968, **11**, 814, (*synth*)