



>>Entry Name: **2,4'-Difluorobenzophenone**

Synonym(s): (2-Fluorophenyl)(4-fluorophenyl)methanone

CAS Registry Number: 342-25-6

Molecular Formula: C₁₃H₈F₂O

Molecular Weight: 218.202

Accurate Mass: 218.054321

Percentage Composition: C 71.56%; H 3.70%; F 17.41%; O 7.33%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 19-22°

Boiling Point: Bp₆ 140-145°

Aldrich: 22269-0

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 889C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 62C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1269D, (*ir*)

Bradlow, H.L. *et al.*, *J.A.C.S.*, 1947, **69**, 662, (*synth*)

Riemschneider, R. *et al.*, *Gazz. Chim. Ital.*, 1948, **78**, 821