



>>Entry Name: 4-(Trifluoromethyl)benzophenone, 8Cl

Synonym(s): Phenyl[4-(trifluoromethyl)phenyl]methanone, 9Cl. 4-Benzoylbenzotrifluoride

CAS Registry Number: 728-86-9

Molecular Formula: C₁₄H₉F₃O

Molecular Weight: 250.22

Accurate Mass: 250.060549

Percentage Composition: C 67.20%; H 3.63%; F 22.78%; O 6.39%

Physical Description: Cryst.

Melting Point: Mp 116-118°

Aldrich: 23314-5

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 63D

Aldrich Library of NMR Spectra, 2nd edn., 1983, **2**, 67B

Rooney, C.S. *et al.*, *Can. J. Chem.*, 1955, **33**, 1633, (*synth*)

Hugel, H.M. *et al.*, *Aust. J. Chem.*, 1979, **32**, 1511, (*cmr*)