>>**Entry Name: 4,4'-Difluorobenzophenone**
Synonym(s): Bis(4-fluorophenyl)methanone

CAS Registry Number: 345-92-6

Molecular Formula: $C_{13}H_8F_2O$
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. (petrol)
Melting Point: Mp 107.5-108.5°

Aldrich: 11549-5
Fluka: 36914

>>**Derivative:** Oxime

Molecular Formula: $C_{13}H_9F_2NO$
Molecular Weight: 233.217
Accurate Mass: 233.06522
Percentage Composition: C 66.95%; H 3.89%; F 16.29%; N 6.01%; O 6.86%
Physical Description: Cryst. (toluene)
Melting Point: Mp 137-138°

>>**Derivative:** Di-Me ketal

Molecular Formula: $C_{15}H_{14}F_2O_2$
Molecular Weight: 264.271
Accurate Mass: 264.096186
Percentage Composition: C 68.17%; H 5.34%; F 14.38%; O 12.11%
Physical Description: Cryst. (MeOH)
Melting Point: Mp 52°

References:

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Dunlop, R.D. *et al.*, *J.A.C.S.*, 1933, **55**, 1665, *(synth)*
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