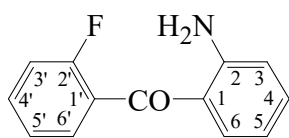




>>Entry Name: 2-Amino-2'-fluorobenzophenone, 8Cl

Synonym(s): (2-Aminophenyl)(2-fluorophenyl)methanone, 9Cl



CAS Registry Number: 1581-13-1

Molecular Formula: C₁₃H₁₀FNO

Molecular Weight: 215.227

Accurate Mass: 215.074642

Percentage Composition: C 72.55%; H 4.68%; F 8.83%; N 6.51%; O 7.43%

Physical Description: Yellow prisms (EtOH)

Melting Point: Mp 126-128°

>>Derivative: N-Benzoyl

CAS Registry Number: 744-15-0

Molecular Formula: C₂₀H₁₄FNO₂

Molecular Weight: 319.335

Accurate Mass: 319.100857

Percentage Composition: C 75.23%; H 4.42%; F 5.95%; N 4.39%; O 10.02%

Physical Description: Needles (hexane)

Melting Point: Mp 113-114°

References:

Sternbach, L.H. *et al.*, *J.O.C.*, 1962, **27**, 3781-3788, (*synth*, *N-benzoyl*)

U.S. Pat., 1965, 3 203 990; *CA*, **64**, 3577e, (*synth*)

Frye, S.V. *et al.*, *J.O.C.*, 1991, **56**, 3750-3752, (*synth*)