



Melting Point: Mp 191-194°

>>**Derivative:** Anilide

Synonym(s): 4-Acetylbenzanilide

CAS Registry Number: 72269-20-6

Molecular Formula: C₁₅H₁₃NO₂

Molecular Weight: 239.273

Accurate Mass: 239.094629

Percentage Composition: C 75.30%; H 5.48%; N 5.85%; O 13.37%

Physical Description: Cryst. (toluene)

Melting Point: Mp 197-198°

>>**Derivative:** Azide

Synonym(s): 4-Acetylbenzoyl azide, 9Cl

CAS Registry Number: 114691-91-7

Molecular Formula: C₉H₇N₃O₂

Molecular Weight: 189.173

Accurate Mass: 189.053827

Percentage Composition: C 57.14%; H 3.73%; N 22.21%; O 16.92%

Melting Point: Mp 64-65°

Rare Chemicals Library: S32310-1

>>**Derivative:** Nitrile

Synonym(s): 4'-Cyanoacetophenone

CAS Registry Number: 1443-80-7

Molecular Formula: C₉H₇NO

Molecular Weight: 145.16

Accurate Mass: 145.052764

Percentage Composition: C 74.47%; H 4.86%; N 9.65%; O 11.02%

Melting Point: Mp 57-58°

Aldrich: 15439-3

Fluka: 934

References:

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