



Hazard & Toxicity: Eye irritant

Aldrich: A700-0

Fluka: 340

Sigma: A5036

>>Derivative: *O*-Ac

CAS Registry Number: 82833-70-3

Molecular Formula: C₈H₉NO₂

Molecular Weight: 151.165

Accurate Mass: 151.063329

Percentage Composition: C 63.57%; H 6.00%; N 9.27%; O 21.17%

Melting Point: Mp 209°

>>Derivative: *N,O*-Di-Ac

Synonym(s): *N*¹-[2-(Acetyloxy)phenyl]acetamide, 9CI

CAS Registry Number: 5467-64-1

Molecular Formula: C₁₀H₁₁NO₃

Molecular Weight: 193.202

Accurate Mass: 193.073894

Percentage Composition: C 62.17%; H 5.74%; N 7.25%; O 24.84%

Physical Description: Needles (EtOH). Cryst. (C₆H₆)

Melting Point: Mp 129-130°

Rare Chemicals Library: S58688-9

>>Derivative: *N*-Benzoyl

Synonym(s): 2-Hydroxybenzanilide

CAS Registry Number: 3743-70-2

Molecular Formula: C₁₃H₁₁NO₂

Molecular Weight: 213.235

Accurate Mass: 213.078979

Percentage Composition: C 73.23%; H 5.20%; N 6.57%; O 15.01%

Physical Description: Leaflets

Melting Point: Mp 167 dec.°

>>Derivative: *O*-Benzoyl

CAS Registry Number: 721-48-2

Molecular Formula: C₁₃H₁₁NO₂

Molecular Weight: 213.235

Accurate Mass: 213.078979

Percentage Composition: C 73.23%; H 5.20%; N 6.57%; O 15.01%

Melting Point: Mp 123-124° (as hydrochloride)

>>Derivative: *N,O*-Dibenzoyl

Molecular Formula: C₂₀H₁₅NO₃

Molecular Weight: 317.343

Accurate Mass: 317.105194

Percentage Composition: C 75.70%; H 4.76%; N 4.41%; O 15.13%

Physical Description: Needles (EtOH)

Melting Point: Mp 185°

>>Derivative: *N*-Methanesulfonyl

Synonym(s): *N*-(2-Hydroxyphenyl)methanesulfonamide, 9CI

Molecular Formula: C₇H₉NO₃S

Molecular Weight: 187.219

Accurate Mass: 187.030314

Percentage Composition: C 44.91%; H 4.85%; N 7.48%; O 25.64%; S 17.13%

Use/Importance: Used as 0.01% soln. in PhCl for extraction-separation of Cu(II), Co, Zn, Cd, Pb, Hg(II)

Physical Description: Cryst. (H₂O or CHCl₃)

Melting Point: Mp 116-118° (115-116°)

Solubility: Sol. PhCl, CHCl₃, H₂O