Fluka: 340
Sigma: A5036

>>**Derivative:** *O*-Ac

CAS Registry Number: 82833-70-3
Molecular Formula: $C_8H_9NO_2$
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: $C_{10}H_{11}NO_3$
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. (C_6H_6)
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: $C_{13}H_{11}NO_2$
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: $C_{13}H_{11}NO_2$
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: $C_{20}H_{15}NO_3$
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: $C_7H_9NO_3S$
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. (H_2O or $CHCl_3$)
Melting Point: Mp 116-118° (115-116°)
Solubility: Sol. PhCl, $CHCl_3$, H_2O