



Physical Description: Liq.

Boiling Point: Bp₁ 128-130°

>>**Derivative:** Ph ester

Synonym(s): Acetylsalol. Phennin. Spiroform. Vesipyrin

CAS Registry Number: 134-55-4

Molecular Formula: C₁₅H₁₂O₄

Molecular Weight: 256.257

Accurate Mass: 256.07356

Percentage Composition: C 70.31%; H 4.72%; O 24.97%

Biological Use/Importance: Analgesic, antipyretic, and antibacterial agent

Physical Description: Cryst. (EtOH)

Melting Point: Mp 97°

Boiling Point: Bp₁₁ 197-198°

Calculated Log P Data: Log P 3.15 (calc)

>>**Derivative:** 4-(Acetylamino)phenyl ester

see Benorilate, [FLW90-G](#)

>>**Derivative:** Chloride

CAS Registry Number: 5538-51-2

Molecular Formula: C₉H₇ClO₃

Molecular Weight: 198.605

Accurate Mass: 198.008372

Percentage Composition: C 54.43%; H 3.55%; Cl 17.85%; O 24.17%

Physical Description: Solid

Melting Point: Mp 43-46°

Boiling Point: Bp_{0.01} 86°

Aldrich: 16519-0

Fluka: 1462

>>**Derivative:** Nitrile

CAS Registry Number: 5715-02-6

Molecular Formula: C₉H₇NO₂

Molecular Weight: 161.16

Accurate Mass: 161.047679

Percentage Composition: C 67.08%; H 4.38%; N 8.69%; O 19.86%

Physical Description: Liq.

Boiling Point: Bp₁₇ 140°

>>**Derivative:** Anhydride

CAS Registry Number: 1466-82-6

Molecular Formula: C₁₈H₁₄O₇

Molecular Weight: 342.304

Accurate Mass: 342.073955

Percentage Composition: C 63.16%; H 4.12%; O 32.72%

Melting Point: Mp 85°

Fluka: 1460

>>**Derivative:** Phenylalaninamide

see Aspirin phenylalanine, [NNQ83-A](#)

References: