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>>Derivative: *N*-Ac, chloride

**Synonym(s):** *p*-Acetamidobenzenesulfonyl chloride. *N*-Acetylsulfanilyl chloride. Dagenan chloride

**CAS Registry Number:** 121-60-8

**Molecular Formula:** C<sub>8</sub>H<sub>8</sub>ClNO<sub>3</sub>S

**Molecular Weight:** 233.675

**Accurate Mass:** 232.991341

**Percentage Composition:** C 41.12%; H 3.45%; Cl 15.17%; N 5.99%; O 20.54%; S 13.72%

**Use/Importance:** Catalyst for Beckmann rearr. of oximes, etc.

**Melting Point:** Mp 149°

**Hazard & Toxicity:** Irritant

**Aldrich:** 11274-7

**Fluka:** 240

**Rare Chemicals Library:** S11517-7

>>Derivative: *N*-Ac, *S*-amide

**Synonym(s):** *N*-[4-(Aminosulfonyl)phenyl]acetamide, 9Cl. 4'-Sulfamoylacetanilide, 8Cl. 4-Acetamidobenzenesulfonamide. Acetylsulfanilamide. *N*<sup>4</sup>-Acetsulfanilamide. *N*-(4-Sulfamoylphenyl)acetamide. Erytrin. Neotherapol

**CAS Registry Number:** 121-61-9

**Molecular Formula:** C<sub>8</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>S

**Molecular Weight:** 214.245

**Accurate Mass:** 214.041213

**Percentage Composition:** C 44.85%; H 4.70%; N 13.08%; O 22.40%; S 14.97%

**Source/Synthesis:** Major metab. of sulfanilamide in man and animals

**Use/Importance:** Weak antibacterial agent

**Physical Description:** Cryst. (EtOH)

**Melting Point:** Mp 215-216°

>>Derivative: *N*-Benzoyl, amide

**Synonym(s):** 4-Benzamidobenzenesulfonamide. *N*-[(4-Aminophenyl)sulfonyl]benzamide, 9Cl. *N*-Sulfanilylbenzamide, 8Cl. **Sulfabenzamide**, BAN, INN, USAN. Sulfabenzide