



Percentage Composition: C 59.66%; H 6.12%; N 7.73%; O 26.49%

Melting Point: Mp 110-112°

>>**Derivative:** *N*-(Carboxymethyl)

Synonym(s): *N*-(4-Hydroxyphenyl)glycine, 9Cl. 4-Hydroxyphenylaminoacetic acid. 4-Oxyanilinoacetic acid. Glycin. Iconyl. Monazol. Photoglycine

CAS Registry Number: 122-87-2

Molecular Formula: C₈H₉NO₃

Molecular Weight: 167.164

Accurate Mass: 167.058244

Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%

Source/Synthesis: Produced by reaction of 4-aminophenol with Chloroacetic acid [CXK03-Z](#)

Use/Importance: Photographic developer

Physical Description: Leaflets (H₂O)

Melting Point: Mp 220-247 dec.°

Solubility: Sl. sol. H₂O

Aldrich: H5150-7

Sigma: H5881

>>**Derivative:** *N*-Me

CAS Registry Number: 150-75-4

Molecular Formula: C₇H₉NO

Molecular Weight: 123.154

Accurate Mass: 123.068414

Percentage Composition: C 68.27%; H 7.37%; N 11.37%; O 12.99%

Source/Synthesis: Produced by decarboxylation of *N*-(4-hydroxyphenyl)glycine or by methylation of 4-Aminophenol [FFL90-N](#)

Physical Description: Needles (C₆H₆)

Melting Point: Mp 87°

Hazard & Toxicity: Irritant

>>**Derivative:** *N*-Me, sulfate

Synonym(s): Metol

CAS Registry Number: 55-55-0

Use/Importance: Photographic developer. Used as aq. soln. for detn. of Ag and for photometric detn. of PO₄³⁽⁻⁾, SiO₄⁽⁻⁾

Physical Description: Needles (H₂O)

Melting Point: Mp 250-260°

Solubility: Sol. H₂O

Aldrich: 12972-0

Fluka: 69750

Sigma: M8670

>>**Derivative:** *N*-Me, Ac

CAS Registry Number: 579-58-8

Molecular Formula: C₉H₁₁NO₂

Molecular Weight: 165.191

Accurate Mass: 165.078979

Percentage Composition: C 65.44%; H 6.71%; N 8.48%; O 19.37%

Physical Description: Needles (petrol)

Melting Point: Mp 43°

Boiling Point: Bp₉ 168.5°