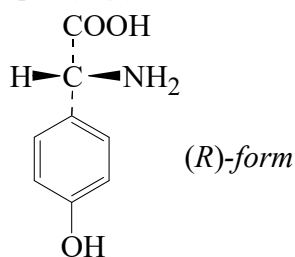




>>Entry Name: **2-Amino-2-(4-hydroxyphenyl)acetic acid**

Synonym(s): α -Amino-4-hydroxybenzeneacetic acid, 9Cl. 2-(*p*-Hydroxyphenyl)glycine, 8Cl. **Oxfenicine**, BAN, INN, USAN



CAS Registry Number: 938-97-6

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%

Use/Importance: Drug used for treatment of ischaemic heart disease. Vasodilator

Development Status: Never marketed

>>Variant: (*R*)-form

Synonym(s): D-form

CAS Registry Number: 22818-40-2

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: Starting material for β -lactam antibiotics. Component of Actinoidin [CLC04-G](#)

Physical Description: Cryst.

Melting Point: Mp 240 dec.°

Optical Rotation: $[\alpha]_D^{25} -158.4$ (c, 1 in 1M HCl)

Aldrich: 21533-3

Fluka: 56155

Sigma: H1134

Other: Kaneka B-3

>>Derivative: *N*-tert-Butyloxycarbonyl

CAS Registry Number: 27460-85-1

Molecular Formula: C₁₃H₁₇NO₅

Molecular Weight: 267.281

Accurate Mass: 267.110674

Percentage Composition: C 58.42%; H 6.41%; N 5.24%; O 29.93%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 199° (dec. from 160°)

Optical Rotation: $[\alpha]_D^{24} -130$ (c, 1.08 in EtOH)

>>Variant: (*S*)-form

Synonym(s): UK 25842

CAS Registry Number: 32462-30-9

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%

Biological Source: Component of Enduracidins and other antibiotics; isol. from *Caesalpinia tinctoria* etc.

Fluka: 56160

Sigma: H1770