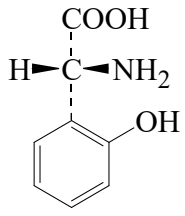
>>**Entry Name: 2-Amino-2-(2-hydroxyphenyl)acetic acid**
Synonym(s): α-Amino-2-hydroxybenzeneacetic acid, 9CI. 2-(*o*-Hydroxyphenyl)glycine



(*R*)-*form*

CAS Registry Number: 25178-38-5

Molecular Formula: $C_8H_9NO_3$
Molecular Weight: 167.164
Accurate Mass: 167.058244
Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%

>>**Variant:** (*R*)-form
Synonym(s): D-form

CAS Registry Number: 185339-06-4
Molecular Formula: $C_8H_9NO_3$
Molecular Weight: 167.164
Accurate Mass: 167.058244
Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%
Melting Point: Mp 193-194°
Optical Rotation: $[\alpha]_D$ –158 (c, 1 in 1*M* HCl)

>>**Variant:** (±)-form

Molecular Formula: $C_8H_9NO_3$
Molecular Weight: 167.164
Accurate Mass: 167.058244
Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%
Melting Point: Mp 190-191° (dec.)

>>**Derivative:** α-Lactone, *N*-Ac
Synonym(s): *N*-(2,3-Dihydro-2-oxo-3-benzofuranyl)acetamide, 9CI. 3-Acetamido-2-coumaranone

CAS Registry Number: 42493-03-8
Molecular Formula: $C_{10}H_9NO_3$
Molecular Weight: 191.186
Accurate Mass: 191.058244
Percentage Composition: C 62.82%; H 4.74%; N 7.33%; O 25.11%
Physical Description: Cryst. (THF/petrol)
Melting Point: Mp 180°
Other Data: Gives the title acid on acid hydrol.

References:

Ger. Pat., 1973, 2 162 717; *CA*, **79**, 66817j, *(synth, lactone amide)*
Pat. Coop. Treaty (WIPO), 1997, 97 19 907; *CA*, **127**, 66218z, *(R-form, enzymic synth)*
Matuszczak, B., *J. Prakt. Chem.*, 1998, **340**, 20-25, *(lactone amide)*