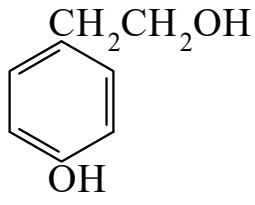
>>**Entry Name: 2-(4-Hydroxyphenyl)ethanol**
Synonym(s): 4-Hydroxybenzeneethanol, 9Cl. *p*-Hydroxyphenethyl alcohol. Tyrosol. Salidrosol



CAS Registry Number: 501-94-0

Molecular Formula: $C_8H_{10}O_2$
Molecular Weight: 138.166
Accurate Mass: 138.06808
Percentage Composition: C 69.55%; H 7.29%; O 23.16%
Biological Source: Prod. by several *Ceratocystis* spp. Isol. from leaves of *Ligustrum ovalifolium* and bark of *Fraxinus excelsior*. Prod. by *Gibberella fujikuroi*.Also isol. from peanuts.
Physical Description: Needles ($CHCl_3$)
Melting Point: Mp 85-86°
Solubility: Sol. H_2O, EtOH, Et_2O, Me_2CO; spar. sol. petrol

Aldrich: 18825-5
Fluka: 56105

>>**Derivative:** 1-*O*-β-D-Glucopyranoside
Synonym(s): Salidroside. Rhodosin. Rhodioloside

CAS Registry Number: 10338-51-9

Molecular Formula: $C_{14}H_{20}O_7$
Molecular Weight: 300.308
Accurate Mass: 300.120905
Percentage Composition: C 55.99%; H 6.71%; O 37.29%
Biological Source: Constit. of almond bark (*Salix triandra*), *Rhodiola* spp. and other plants
Physical Description: Plates (EtOAc/petrol)
Melting Point: Mp 159-160° (154-162°)
Optical Rotation: $[\alpha]_D^{20}$ –32.1 (c, 1.26 in H_2O)
Other Data: Bitter taste

>>**Derivative:** 1-*O*-[3,4,5-Trihydroxybenzoyl-(→3)-β-D-glucopyranoside]
Synonym(s): 3''-*O*-Galloylsalidroside

CAS Registry Number: 83013-87-0

Molecular Formula: $C_{21}H_{24}O_{11}$
Molecular Weight: 452.414
Accurate Mass: 452.131865
Percentage Composition: C 55.75%; H 5.35%; O 38.90%
Biological Source: From *Quercus stenophylla*
Physical Description: Off-white amorph. powder
Optical Rotation: $[\alpha]_D^{19}$ +4.5 (c, 0.5 in MeOH)

>>**Derivative:** 1-*O*-[3,4,5-Trihydroxybenzoyl-(→6)-β-D-glucopyranoside]
Synonym(s): 6''-*O*-Galloylsalidroside

CAS Registry Number: 83013-86-9

Molecular Formula: $C_{21}H_{24}O_{11}$
Molecular Weight: 452.414
Accurate Mass: 452.131865
Percentage Composition: C 55.75%; H 5.35%; O 38.90%
Biological Source: Glycoside from *Quercus stenophylla*
Physical Description: Pale yellow needles + ½ H_2O
Melting Point: Mp 116-117°
Optical Rotation: $[\alpha]_D$ +15.1 (Me_2CO)