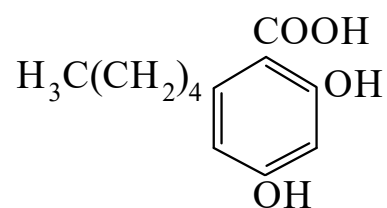




>>Entry Name: **2,4-Dihydroxy-6-pentylbenzoic acid**, 9CI

Synonym(s): 6-Pentyl- β -resorcylic acid, 8CI. Olivetolcarboxylic acid. Olivetolic acid



CAS Registry Number: 491-72-5

Type of Compound Code(s): VG0040

Molecular Formula: $C_{12}H_{16}O_4$

Molecular Weight: 224.256

Accurate Mass: 224.10486

Percentage Composition: C 64.27%; H 7.19%; O 28.54%

Biological Source: Residue present in depsides such as Olivetoric acid [HGS85-B](#) and Dictyotin A [KKH92-H](#)

Physical Description: Needles

Melting Point: Mp 147°

>>Derivative: Et ester

CAS Registry Number: 38862-65-6

Molecular Formula: $C_{14}H_{20}O_4$

Molecular Weight: 252.31

Accurate Mass: 252.13616

Percentage Composition: C 66.65%; H 7.99%; O 25.36%

Physical Description: Prisms (petrol)

Melting Point: Mp 69°

>>Derivative: 3-Hydroxy-5-propylphenyl ester

Synonym(s): Decarboxynorimbricaric acid

Type of Compound Code(s): VG0620

Molecular Formula: $C_{21}H_{26}O_5$

Molecular Weight: 358.433

Accurate Mass: 358.178025

Percentage Composition: C 70.37%; H 7.31%; O 22.32%

Biological Source: Isol. from the lichen *Neofuscelia depsidella*

Physical Description: Cryst.

Melting Point: Mp 99-100°

>>Derivative: 3-Methoxy-5-propylphenyl ester

Synonym(s): Decarboxy-2'-*O*-methylnorimbricaric acid

Type of Compound Code(s): VG0620

Molecular Formula: $C_{22}H_{28}O_5$

Molecular Weight: 372.46

Accurate Mass: 372.193675

Percentage Composition: C 70.95%; H 7.58%; O 21.48%

Biological Source: Isol. from the lichen *Neofuscelia depsidella*

Physical Description: Cryst.

Melting Point: Mp 96-97°

>>Derivative: 3-Hydroxy-5-pentylphenyl ester

Synonym(s): Decarboxyanziaic acid

Type of Compound Code(s): VG0620

Molecular Formula: $C_{23}H_{30}O_5$

Molecular Weight: 386.487

Accurate Mass: 386.209325

Percentage Composition: C 71.48%; H 7.82%; O 20.70%

Biological Source: Isol. from the lichen *Neofuscelia depsidella*

Physical Description: Cryst. + 5H₂O

Melting Point: Mp 102-104°