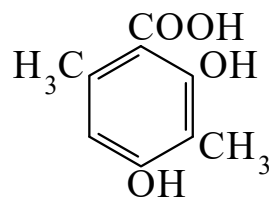




>>Entry Name: 2,4-Dihydroxy-3,6-dimethylbenzoic acid, 9CI, 8CI

Synonym(s): β -Orsellinic acid. 3,6-Dimethyl- β -resorcylic acid, 8CI. 3-Methylorsellinic acid. β -Orcinolcarboxylic acid



CAS Registry Number: 4707-46-4

Molecular Formula: $C_9H_{10}O_4$

Molecular Weight: 182.176

Accurate Mass: 182.05791

Percentage Composition: C 59.34%; H 5.53%; O 35.13%

Biological Source: Metab. of *Aspergillus terreus*

Melting Point: Mp 183-185 dec. $^{\circ}$ (199-202 $^{\circ}$)

>>Derivative: Me ester

Synonym(s): Atraric acid. Methyl β -orcinolcarboxylate. Evernyl

CAS Registry Number: 4707-47-5

Molecular Formula: $C_{10}H_{12}O_4$

Molecular Weight: 196.202

Accurate Mass: 196.07356

Percentage Composition: C 61.22%; H 6.16%; O 32.62%

Biological Source: Major odoriferous constit. of oakmoss *Evernia prunastri*. Also found in *Xylosma velutina* and *Dianella revoluta*

Use/Importance: Used in perfumery

Melting Point: Mp 140-142 $^{\circ}$

Rare Chemicals Library: S94782-2

>>Derivative: Et ester

Synonym(s): Ethyl 3-methylorsellinate

CAS Registry Number: 31581-32-5

Molecular Formula: $C_{11}H_{14}O_4$

Molecular Weight: 210.229

Accurate Mass: 210.08921

Percentage Composition: C 62.85%; H 6.71%; O 30.44%

Biological Source: Metab. of *Aspergillus silvaticus*

Physical Description: Needles

Melting Point: Mp 124-126 $^{\circ}$

>>Derivative: 2-Me ether

Synonym(s): 4-Hydroxy-2-methoxy-3,6-dimethylbenzoic acid. Isorhizonic acid

Molecular Formula: $C_{10}H_{12}O_4$

Molecular Weight: 196.202

Accurate Mass: 196.07356

Percentage Composition: C 61.22%; H 6.16%; O 32.62%

Physical Description: Needles (C_6H_6)

Melting Point: Mp 156-157 dec. $^{\circ}$

>>Derivative: 2-Me ether, Me ester

CAS Registry Number: 34874-75-4

Molecular Formula: $C_{11}H_{14}O_4$

Molecular Weight: 210.229

Accurate Mass: 210.08921

Percentage Composition: C 62.85%; H 6.71%; O 30.44%

Melting Point: Mp 142 $^{\circ}$