



>>Derivative: 1,3-Di-Me ether

Synonym(s): 2,6-Dimethoxyphenol. Syringol. FEMA 3137

CAS Registry Number: 91-10-1

Molecular Formula: $C_8H_{10}O_3$

Molecular Weight: 154.165

Accurate Mass: 154.062995

Percentage Composition: C 62.33%; H 6.54%; O 31.13%

Biological Source: Isol. from maple syrup and from seed oil of *Artemisia herba-alba* prob. as degradn. artifact

Melting Point: Mp 55-56°

Boiling Point: Bp 262-267°

Solubility: Spar. sol. H_2O ; sol. EtOH, Et_2O

Aldrich: W31371-8

Fluka: 38772

>>Derivative: 1,3-Di-Me ether, Ac

CAS Registry Number: 944-99-0

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: Cryst. (EtOH aq.)

Melting Point: Mp 53.5°

Rare Chemicals Library: S56364-1

>>Derivative: 1,3-Di-Me ether, 2-*O*- β -D-glucopyranoside

Synonym(s): 2,6-Dimethoxyphenyl β -D-glucopyranoside

CAS Registry Number: 119607-29-3

Extra CAS Registry Numbers(s): 129715-13-5

Molecular Formula: $C_{14}H_{20}O_8$

Molecular Weight: 316.307

Accurate Mass: 316.11582

Percentage Composition: C 53.16%; H 6.37%; O 40.47%

Biological Source: Constit. of *Calanthe discolor*

Physical Description: Cryst. ($CHCl_3$ /hexane) (as tetra-Ac)

Melting Point: Mp 143.2-144° (tetra-Ac)

Optical Rotation: $[\alpha]_D^{23} -14$ (c,0.3 in $CHCl_3$)(tetra-Ac)

>>Derivative: Tri-Me ether

Synonym(s): 1,2,3-Trimethoxybenzene

CAS Registry Number: 634-36-6

Molecular Formula: $C_9H_{12}O_3$

Molecular Weight: 168.192

Accurate Mass: 168.078645

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

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 47°

Boiling Point: Bp 241°

Aldrich: 13799-5

Fluka: 92159

References: