



Percentage Composition: C 54.54%; H 6.34%; O 39.12%
Biological Source: Constit. of *Pyrola incarnata*, *Pyrola alpina* and *Pyrola nephrophylla*
Physical Description: Cryst. + H₂O
Melting Point: Mp 192-193°
Optical Rotation: [α]_D²¹ -79.2

>>**Derivative:** 4-*O*-(6-*O*-3,4,5-Trihydroxybenzoyl- β -D-glucopyranoside)
Synonym(s): 6-*O*-Galloylhomoarbutin

CAS Registry Number: 121748-24-1

Molecular Formula: C₂₀H₂₂O₁₁
Molecular Weight: 438.387
Accurate Mass: 438.116215
Percentage Composition: C 54.80%; H 5.06%; O 40.15%
Biological Source: Isol. from *Pyrola incarnata*
Physical Description: Off-white amorph. powder + ½H₂O
Optical Rotation: [α]_D²⁰ -39.2 (c, 0.6 in EtOH)

>>**Derivative:** 1-Me ether
Synonym(s): 4-Methoxy-3-methylphenol. 4-Methoxy-*m*-cresol

CAS Registry Number: 14786-82-4
Molecular Formula: C₈H₁₀O₂
Molecular Weight: 138.166
Accurate Mass: 138.06808
Percentage Composition: C 69.55%; H 7.29%; O 23.16%
Physical Description: Needles (C₆H₆/petrol)
Melting Point: Mp 46-46.5°

>>**Derivative:** 4-Me ether
Synonym(s): 4-Methoxy-2-methylphenol. 4-Methoxy-*o*-cresol

CAS Registry Number: 5307-05-1

Molecular Formula: C₈H₁₀O₂
Molecular Weight: 138.166
Accurate Mass: 138.06808
Percentage Composition: C 69.55%; H 7.29%; O 23.16%
Biological Source: Constit. of *Pyrola incarnata*, *Pyrola alpina* and *Pyrola nephrophylla*
Physical Description: Needles (H₂O)
Melting Point: Mp 70.5-71.5°
Boiling Point: Bp 240-245°

>>**Derivative:** Di-Me ether
Synonym(s): 1,4-Dimethoxy-2-methylbenzene

CAS Registry Number: 24599-58-4
Molecular Formula: C₉H₁₂O₂
Molecular Weight: 152.193
Accurate Mass: 152.08373
Percentage Composition: C 71.03%; H 7.95%; O 21.03%
Physical Description: Cryst.
Melting Point: Mp 15°
Boiling Point: Bp 214-218°
Other Data: Steam-volatile
Aldrich: 42326-2

References: