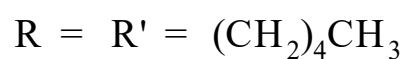
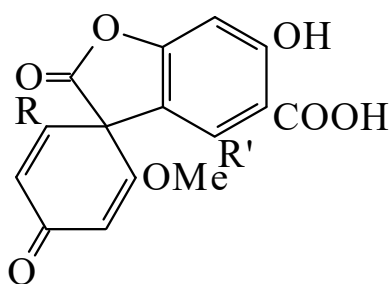




>>Entry Name: Picrolichenic acid

Synonym(s): Pikrolichenic acid. Picrolichenin



CAS Registry Number: 466-34-2

Related CAS Registry Numbers(s): 157067-64-6

Molecular Formula: C₂₅H₃₀O₇

Molecular Weight: 442.508

Accurate Mass: 442.199155

Percentage Composition: C 67.86%; H 6.83%; O 25.31%

Biological Source: Isol. from *Pertusaria amara* and *Variolaria amara*

Melting Point: Mp 181 dec.° (178°)

Solubility: BERDY SOL: Sol. MeOH, Et₂O, CHCl₃; poorly sol. H₂O, hexane, C₆H₆

UV: [neutral] λ_{max} 245 (ε 24000); 277 (ε 7800) (MeOH) (Berdy)

Other Data: M.p. dependent on rate of heating

>>Derivative: Lower homologue (1)

Synonym(s): Subpicrolichenic acid

CAS Registry Number: 138615-58-4

Molecular Formula: C₂₃H₂₆O₇

Molecular Weight: 414.454

Accurate Mass: 414.167855

Percentage Composition: C 66.65%; H 6.32%; O 27.02%

Biological Source: Constit. of *Pertusaria amara*

Physical Description: Cryst. (cyclohexane/toluene)

Melting Point: Mp 164-165°

Other Data: Has R = CH₂CH₂CH₃, R' = (CH₂)₄CH₃

>>Derivative: Lower homologue (2)

Synonym(s): Isosubpicrolichenic acid

CAS Registry Number: 138642-09-8

Molecular Formula: C₂₃H₂₆O₇

Molecular Weight: 414.454

Accurate Mass: 414.167855

Percentage Composition: C 66.65%; H 6.32%; O 27.02%

Biological Source: Constit. of the lichen *Pertusaria truncata*

Physical Description: Needles (cyclohexane/toluene)

Melting Point: Mp 160-162 dec.°

Other Data: Has R = (CH₂)₄CH₃, R' = CH₂CH₂CH₃

>>Derivative: Homologue (1)

Synonym(s): Hyperpicrolichenic acid

CAS Registry Number: 157240-99-8

Molecular Formula: C₂₇H₃₄O₇

Molecular Weight: 470.561

Accurate Mass: 470.230455

Percentage Composition: C 68.92%; H 7.28%; O 23.80%

Biological Source: Constit. of *Pertusaria truncata*

Physical Description: Cryst. (petrol/CH₂Cl₂)

Melting Point: Mp 95-97°

Other Data: Has R = (CH₂)₄CH₃, R' = (CH₂)₆CH₃