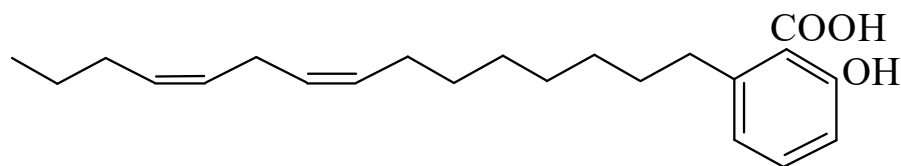




>>Entry Name: 2-Hydroxy-6-(8,11-pentadecadienyl)benzoic acid, 9CI

Synonym(s): 6-Pentadecadienylsalicylic acid



CAS Registry Number: 18654-17-6

Related CAS Registry Numbers(s): 25377-74-6

Molecular Formula: C₂₂H₃₂O₃

Molecular Weight: 344.493

Accurate Mass: 344.235145

Percentage Composition: C 76.70%; H 9.36%; O 13.93%

>>Variant: (*all-Z*)-form

Synonym(s): Anacardic acid

CAS Registry Number: 103904-74-1

Molecular Formula: C₂₂H₃₂O₃

Molecular Weight: 344.493

Accurate Mass: 344.235145

Percentage Composition: C 76.70%; H 9.36%; O 13.93%

Biological Source: Found in cashew nut shell

Biological Use/Importance: Antineoplastic agent, antibacterial agent. Possesses molluscicidal, nematocidal props.

Melting Point: Mp 25-26°

Calculated Log P Data: Log P 8.57 (uncertain value) (calc)

>>Derivative: 11',12'-Dihydro

Synonym(s): 2-Hydroxy-6-(8-pentadecenyl)benzoic acid, 9CI. 6-(8-Pentadecenyl)salicylic acid. **Ginkgoic acid**. Ginkgolic acid. Romanicardic acid

CAS Registry Number: 22910-60-7

Molecular Formula: C₂₂H₃₄O₃

Molecular Weight: 346.509

Accurate Mass: 346.250795

Percentage Composition: C 76.26%; H 9.89%; O 13.85%

Biological Source: Constit. of *Ginkgo biloba* and minor constit. of cashew nut shell

Biological Use/Importance: Possesses antitubercular activity

Physical Description: Needles by subl.

Melting Point: Mp 45.3-48° (42-43°)

Calculated Log P Data: Log P 9.06 (uncertain value) (calc)

>>Derivative: 11',12'-Dihydro, Me ester

CAS Registry Number: 58682-65-8

Boiling Point: Bp₂ 230-233°

>>Derivative: 8',9'-Dihydro, Δ^{10'}-isomer

Synonym(s): 2-Hydroxy-6-(10-pentadecenyl)benzoic acid, 9CI. 6-(10-Pentadecenyl)salicylic acid

CAS Registry Number: 110202-77-2

Molecular Formula: C₂₂H₃₄O₃

Molecular Weight: 346.509

Accurate Mass: 346.250795

Percentage Composition: C 76.26%; H 9.89%; O 13.85%

Biological Source: Constit. of *Ozoroa mucronata*

Biological Use/Importance: Inhibits prostaglandin synthetase

Physical Description: Needles

Melting Point: Mp 45.8-46.2°

>>Derivative: Tetrahydro