>>**Derivative:** *O*-(4-Hydroxy-3-methylbutyl), Me ester
Synonym(s): Methyl nitinoate

Molecular Formula: $C_{15}H_{20}O_4$
Molecular Weight: 264.321
Accurate Mass: 264.13616
Percentage Composition: C 68.16%; H 7.63%; O 24.21%
Biological Source: Constit. of *Zanthoxylum nitidum* (*Fagara nitida*) (Rutaceae)
Physical Description: Needles (petrol/hexane)
Melting Point: Mp 55°

>>**Derivative:** *O*-(3,7-Dimethyl-2,6-octadienyl), Me ester
Synonym(s): Methyl *p*-geranyloxycinnamate

Molecular Formula: $C_{20}H_{26}O_3$
Molecular Weight: 314.424
Accurate Mass: 314.188195
Percentage Composition: C 76.40%; H 8.33%; O 15.27%
Biological Source: Isol. from *Acronychia baueri*
Physical Description: Platelets (MeOH)
Melting Point: Mp 65-67°

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

CAS Registry Number: 4501-31-9

Molecular Formula: $C_9H_8O_3$
Molecular Weight: 164.16
Accurate Mass: 164.047345
Percentage Composition: C 65.85%; H 4.91%; O 29.24%
Biological Source: Found in *Larix sibirica* bark and *Miscanthus floridulus*
Physical Description: Cryst. (C_6H_6 or H_2O)
Melting Point: Mp 134-134.5 dec.° (subl. from 124°)

Rare Chemicals Library: S46085-0

>>**Derivative:** Hexadecyl ester
Synonym(s): Hexadecyl (*Z*)-*p*-coumarate

Molecular Formula: $C_{25}H_{40}O_3$
Molecular Weight: 388.589
Accurate Mass: 388.297745
Percentage Composition: C 77.27%; H 10.37%; O 12.35%
Biological Source: Constit. of *Agropyron repens*
Physical Description: Waxy solid
Melting Point: Mp 42-47°

>>**Derivative:** 16-Hydroxyhexadecyl ester
Synonym(s): 16-Hydroxyhexadecyl (*Z*)-*p*-coumarate

Molecular Formula: $C_{25}H_{40}O_4$
Molecular Weight: 404.589
Accurate Mass: 404.29266
Percentage Composition: C 74.22%; H 9.96%; O 15.82%
Biological Source: Constit. of *Agropyron repens*
Physical Description: Waxy solid
Melting Point: Mp 105-108°