



Biological Source: Constit. of *Lupinus luteus*

>>**Derivative:** 11-Octadecenyl ester(Z-)

Synonym(s): 11-Octadecenyl ferulate

Molecular Formula: C₂₈H₄₄O₄

Molecular Weight: 444.653

Accurate Mass: 444.32396

Percentage Composition: C 75.63%; H 9.97%; O 14.39%

Biological Source: Constit. of *Lupinus luteus*

>>**Derivative:** Nonadecyl ester

Synonym(s): Nonadecyl ferulate

CAS Registry Number: 126192-42-5

Molecular Formula: C₂₉H₄₈O₄

Molecular Weight: 460.696

Accurate Mass: 460.35526

Percentage Composition: C 75.61%; H 10.50%; O 13.89%

Biological Source: Constit. of *Lupinus luteus*, *Pavetta owariensis* and *Spiranthes sinensis*

Other Data: E-Config. not confirmed

>>**Derivative:** Eicosyl ester

Synonym(s): Eicosyl (E)-ferulate. Icosyl ferulate

CAS Registry Number: 133882-79-8

Extra CAS Registry Numbers(s): 64190-82-5

Molecular Formula: C₃₀H₅₀O₄

Molecular Weight: 474.723

Accurate Mass: 474.37091

Percentage Composition: C 75.90%; H 10.62%; O 13.48%

Biological Source: Isol. from heartwood of *Larix laricina*

Physical Description: Cryst. (cyclohexane)

Melting Point: Mp 61-62°

>>**Derivative:** 11-Eicosenyl ester(Z-)

Synonym(s): 11-Eicosenyl ferulate. 11-Icosenyl ferulate

Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Biological Source: Constit. of *Lupinus luteus*

Other Data: Geometry not certain

>>**Derivative:** Heneicosyl ester

Synonym(s): Heneicosyl ferulate

CAS Registry Number: 145205-02-3

Extra CAS Registry Numbers(s): 126192-41-4

Biological Source: Constit. of *Pavetta owariensis* and *Spiranthes sinensis*

>>**Derivative:** Docosyl ester

Synonym(s): Docosyl (E)-ferulate. Docosyl trans-ferulate

CAS Registry Number: 101927-24-6

Extra CAS Registry Numbers(s): 62267-81-6

Molecular Formula: C₃₂H₅₄O₄

Molecular Weight: 502.776

Accurate Mass: 502.40221

Percentage Composition: C 76.45%; H 10.83%; O 12.73%

Biological Source: Isol. from *Bauhinia manca*, *Platycladus orientalis*, *Pavetta owariensis*, *Ligularia nelumbifolia* and *Teucrium divaricatum* ssp. *villosum*. Component of Guang Xi Xue Jie