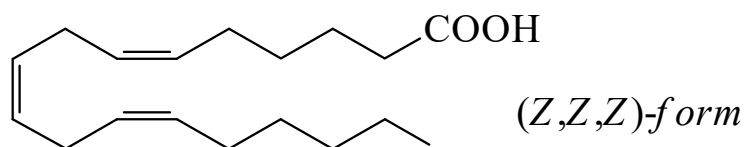




>>Entry Name: 6,9,12-Octadecatrienoic acid, 9CI
ENTRY UNDER REVIEW



CAS Registry Number: 1686-12-0
Related CAS Registry Numbers(s): 122051-95-0
Extra CAS Registry Numbers(s): 25448-03-7

Molecular Formula: $C_{18}H_{30}O_2$
Molecular Weight: 278.434
Accurate Mass: 278.22458
Percentage Composition: C 77.65%; H 10.86%; O 11.49%

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

Synonym(s): γ -Linolenic acid. **Gamolenic acid**, BAN, INN. Gammalinolenic acid. Efomase. Epogam. Gammolin. Efemast. Unigam. GLA

CAS Registry Number: 506-26-3
Extra CAS Registry Numbers(s): 27213-43-0

Molecular Formula: $C_{18}H_{30}O_2$
Molecular Weight: 278.434
Accurate Mass: 278.22458
Percentage Composition: C 77.65%; H 10.86%; O 11.49%

Use/Importance: Antihyperlipidaemic agent. Used to treat diabetic neuropathy
Calculated Log P Data: Log P 6.78 (calc)
Fluka: 62172
Sigma: L2378

>>Derivative: Me ester

CAS Registry Number: 16326-32-2
Molecular Formula: $C_{19}H_{32}O_2$
Molecular Weight: 292.461
Accurate Mass: 292.24023
Percentage Composition: C 78.03%; H 11.03%; O 10.94%
Boiling Point: $Bp_{0.5}$ 162°
Refractive Index: n_D^{20} 1.4760
Other Data: Light sensitive
Aldrich: 28645-1
Sigma: L6503

>>Derivative: Et ester

Molecular Formula: $C_{20}H_{34}O_2$
Molecular Weight: 306.487
Accurate Mass: 306.25588
Percentage Composition: C 78.38%; H 11.18%; O 10.44%
Boiling Point: $Bp_{0.2}$ 156°
Refractive Index: n_D^{20} 1.4678

>>Derivative: 12R*,13S*-Epoxide

Synonym(s): 12,13-Epoxy-6,9-octadecadienoic acid

CAS Registry Number: 62697-28-3

Molecular Formula: $C_{18}H_{30}O_3$
Molecular Weight: 294.433
Accurate Mass: 294.219495
Percentage Composition: C 73.43%; H 10.27%; O 16.30%

>>Derivative: Chloride