

FATTY ACIDS, TRIVIAL AND SYSTEMATIC NAMES

Trivial Name	Systematic Name	Abbreviation
Formic Acid	Methanoic Acid	
Acetic Acid	Ethanoic Acid	
Propionic Acid	Propanoic Acid	
Butyric Acid	Butanoic Acid	4:0
Valerianic Acid	Pentanoic Acid	5:0
Caproic Acid	Hexanoic Acid	6:0
Enanthic Acid	Heptanoic Acid	7:0
Caprylic Acid	Octanoic Acid	8:0
Pelargonic Acid	Nonanoic Acid	9:0
Capric Acid	Decanoic Acid	10:0
Obtusilic Acid	4-Decenoic Acid	10:1(n-6)
Caproleic Acid	9-Decenoic Acid	10:1(n-1)
Undecylic Acid	Undecanoic Acid	11:0
Lauric Acid	Dodecanoic Acid	12:0
Linderic Acid	4-Dodecenoic Acid	12:1(n-8)
Denticetic Acid	5-Dodecenoic Acid	12:1(n-7)
Lauroleic Acid	9-Dodecenoic Acid	12:1(n-3)
Tridecylic Acid	Tridecanoic Acid	13:0
Myristic Acid	Tetradecanoic Acid	14:0
Tsuzuic Acid	4-Tetradecenoic Acid	14:1(n-10)
Physeteric Acid	5-Tetradecenoic Acid	14:1(n-9)
Myristoleic Acid	9-Tetradecenoic Acid	14:1(n-5)
Pentadecylic Acid	Pentadecanoic Acid	15:0
Palmitic Acid	Hexadecanoic Acid	16:0
Gaidic acid	2-Hexadecenoic Acid	16:1(n-14)
Sapienic Acid	6-Hexadecenoic Acid	16:1(n-10)
Hypogeic Acid	<i>trans</i> -7-Hexadecenoic Acid	t16:1(n-9)
cis-Hypogeic Acid	7-Hexadecenoic Acid	16:1(n-9)
Palmitoleic Acid	9-Hexadecenoic Acid	16:1(n-7)
Palmitelaidic Acid	<i>trans</i> -9-Hexadecenoic Acid	t16:1(n-7)
Palmitvaccenic Acid	11-Hexadecenoic Acid	16:1(n-5)
Margaric Acid	Heptadecanoic Acid	17:0
Civetic Acid	8-Heptadecenoic Acid	17:1
Stearic Acid	Octadecanoic Acid	18:0
Petroselinic Acid	6-Octadecenoic Acid	18:1(n-12)
Oleic Acid	9-Octadecenoic Acid	18:1(n-9)
Elaidic Acid	<i>trans</i> -9-Octadecenoic acid	t18:1(n-9)

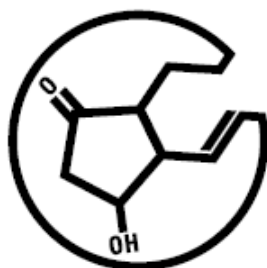
Vaccenic Acid	<i>trans</i> -11-Octadecenoic Acid	t18:1(n-7)
cis-Vaccenic Acid	11-Octadecenoic Acid	18:1(n-7)
Sebaleic Acid	5,8-Octadecadienoic Acid	18:2(n-10)
Linoleic Acid	9,12-Octadecadienoic Acid	18:2(n-6)
Linoelaidic Acid	<i>trans</i> -9,12-Octadecadienoic Acid	t18:2(n-6)
γ -Linolenic Acid	6,9,12- Octadecatrienoic Acid	18:3(n-6)
α -Linolenic Acid	9,12,15-Octadecatrienoic Acid	18:3(n-3)
Stearidonic Acid	6,9,12,15-Octadecatetraenoic Acid	18:4(n-3)
Nonadecylic Acid	Nonadecanoic Acid	19:0
Arachidic Acid	Eicosanoic Acid	20:0
Gadoleic Acid	9-Eicosenoic Acid	20:1(n-11)
Gondoic Acid	11-Eicosenoic Acid	20:1(n-9)
Paullinic Acid	13,-Eicosenoic acid	20:1(n-7)
None	8,11-Eicosadienoic Acid	20:2(n-9)
Dihomolinoleic Acid	11,14-Eicosadienoic Acid	20:2(n-6)
Mead Acid	5,8,11-Eicosatrienoic Acid	20:3(n-9)
None	7,10,13-Eicosatrienoic Acid	20:3(n-7)
Dihomo- γ -linolenic Acid	8,11,14-Eicosatrienoic Acid	20:3(n-6)
Dihomo- α -linolenic Acid	11,14,17-Eicosatrienoic Acid	20:3(n-3)
Arachidonic Acid	5,8,11,14-Eicosatetraenoic Acid	20:4(n-6)
None	8,11,14,17-Eicosatetraenoic Acid	20:4(n-3)
Timnodonic Acid (EPA)	5,8,11,14,17-Eicosapentaenoic Acid	20:5(n-3)
Heneicosylic Acid	Heneicosanoic Acid	21:0
Behenic Acid	Docosanoic Acid	22:0
Cetoleic Acid	11-Docosenoic Acid	22:1(n-11)
Cetelaidic Acid	<i>trans</i> -11-Docosenoic Acid	t22:1(n-11)
Erucic Acid	13-Docosenoic Acid	22:1(n-9)
Brassicic Acid	<i>trans</i> -13-Docosenoic Acid	t22:1(n-9)
Adrenic Acid	7,10,13,16-Docosatetraenoic Acid	22:4(n-6)
Osbond Acid	4,7,10,13,16-Docosapentaenoic acid	22:5(n-6)
Clupanodonic Acid	7,10,13,16,19-Docosapentaenoic Acid	22:5(n-3)
Cervonic Acid (DHA)	4,7,10,13,16,19-Docosahexaenoic Acid	22:6(n-3)
Tricosylic Acid	Tricosanoic Acid	23:0
Lignoceric Acid	Tetracosanoic Acid	24:0
Nervonic Acid	15-Tetracosenoic Acid	24:1(n-9)
None	9,12,15,18-Tetracosatetraenoic Acid	24:4(n-6)
None	6,9,12,15,18-Tetracosapentaenoic	24:5(n-6)
None	9,12,15,18,21-Tetracosapentaenoic	24:5(n-3)
Nisinic acid	6,9,12,15,18,21-Tetracosahexaenoic	24:6(n-3)
Pentacosylic Acid	Pentacosanoic Acid	25:0
Cerotic Acid	Hexacosanoic Acid	26:0
Ximenic Acid	17-Hexacosenoic Acid	26:1(n-9)

Carboceric Acid	Heptacosanoic Acid	27:0
Montanic Acid	Octacosanoic Acid	28:0
Nonacosylic Acid	Nonacosanoic acid	29:0
Melissic Acid	Triacontanoic Acid	30:0
Henatriacontylic	Henatriacontanoic Acid	31:0
Lacceroic acid	Dotriacontanoic Acid	32:0
Ceromelissic Acid	Tritriacontanoic Acid	33:0
Geddic Acid	Tetratriacontanoic Acid	34:0
Ceroplactic	Pentatriacontanoic Acid	35:0
Hexatriacontylic Acid	Hexatriacontanoic Acid	36:0

Note: Only methylene-interrupted polyenes are listed.

(Last revised Feb 1, 2016)

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