



PRODUCT DATA SHEET

Code No.: BIA-AS6061

Pack sizes.: 1mg, 5mg

Unsaturated fatty acid set

Unsaturated fatty acids

Code No.: BIA-AS6061

Product	Code No.	CAS #	Mol. Formula	Mol. Wt.
Arachidonic acid	BIA-A2490	506-32-1	C ₂₀ H ₃₂ O ₂	304.5
<i>cis</i> -4,7,10,13,16,19-Docosahexaenoic acid	BIA-D2489	6217-54-5	C ₂₂ H ₃₂ O ₂	328.5
Elaidic acid	BIA-E2491	112-79-8	C ₁₈ H ₃₄ O ₂	282.5
Erucic acid	BIA-E2485	112-86-7	C ₂₂ H ₄₂ O ₂	338.6
Linoleic acid	BIA-L2454	60-33-3	C ₁₈ H ₃₂ O ₂	280.5
Linolenic acid	BIA-L2483	463-40-1	C ₁₈ H ₃₀ O ₂	278.4
Nervonic acid	BIA-N2487	506-37-6	C ₂₄ H ₄₆ O ₂	366.6
Oleic acid	BIA-O2488	112-80-1	C ₁₈ H ₃₄ O ₂	282.5
Palmitoleic acid	BIA-P2484	373-49-9	C ₁₆ H ₃₀ O ₂	254.4
Petroselinic acid	BIA-P2486	593-39-5	C ₁₈ H ₃₄ O ₂	282.5

Synonyms:

1mg or 5mg of each compound

Specifications

CAS #	: Varied
Molecular Formula	: Varied
Molecular Weight	: Varied
Source	: -
Appearance	: Varied
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: -

Application Notes

Unsaturated fatty acids: 1. Linoleic acid - (CAS# 60-33-3) - Molecular Formula: C₁₈H₃₂O₂ - Molecular Weight: 280.45 | 2. Linolenic acid - (CAS# 463-40-1) - Molecular Formula: C₁₈H₃₀O₂ - Molecular Weight: 278.43 | 3. Palmitoleic acid - (CAS# 373-49-9) - Molecular Formula: C₁₆H₃₀O₂ - Molecular Weight: 254.41 | 4. Erucic acid - (CAS# 112-86-7) - Molecular Formula: C₂₂H₄₂O₂ - Molecular Weight: 338.57 | 5. Petroselinic acid - (CAS# 593-39-5) - Molecular Formula: C₁₈H₃₄O₂ - Molecular Weight: 282.46 | 6. Nervonic acid - (CAS# 506-37-6) - Molecular Formula: C₂₄H₄₆O₂ - Molecular Weight: 366.62 | 7. Oleic acid - (CAS# 112-80-1) - Molecular Formula: C₁₈H₃₄O₂ - Molecular Weight: 282.46 | 8. *cis*-4,7,10,13,16,19-Docosahexaenoic acid - (CAS# 6217-54-5) - Molecular Formula: C₂₂H₃₂O₂ - Molecular Weight: 328.49 | 9. Arachidonic acid - (CAS# 506-32-1) - Molecular Formula: C₂₀H₃₂O₂ - Molecular Weight: 304.47 | 10. Elaidic acid - (CAS# 112-79-8) - Molecular Formula: C₁₈H₃₄O₂ - Molecular Weight: 282.46

References