



TECHNICAL DATA SHEET

Standard grade

Product name	(Z)-11-Octadecenyl acetate	Product code	EP00165
CAS No.	6186-98-7	Pheromone code	11Z-18:OAc
Molecular formula	C ₂₀ H ₃₈ O ₂	Molecular weight	310.51

Specification

Property	Specification	Method
Appearance	Clear, colourless to yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (11Z)	≥ 93.0 %	GC-FID (cyanopropyl), isomer-normalised

Physical properties (literature reference)

Boiling point	100 °C / 4 mm Hg	Density	0.962 g/cm ³
Refractive index	n _D 1.437	Solubility	Practically insoluble to insoluble in water

Storage and handling

Storage conditions	2–8 °C, protected from light, tightly closed	Retest period	24 months
Packaging	1 kg; 25 kg	Safety	See Safety Data Sheet

Application (literature reference)

Target species	Drosophila melanogaster
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