



TECHNICAL DATA SHEET

Standard grade

Product name	(E,Z)-3,13-Octadecadienyl acetate	Product code	EP00084
CAS No.	53120-26-6	Pheromone code	3E,13Z-18:OAc
Molecular formula	C20H36O2	Molecular weight	308.5

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (3E,13Z)	≥ 93.0 %	GC-FID (cyanopropyl), isomer-normalised

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)

Pheromone type	Sex pheromone
Target species	Synanthedon bicingulata; Zeuzera pyrina (leopard moth)
Order / family	Lepidoptera: Cossidae
Crops	Prunus species; apple; pear; peach; olive
Reported use	Mating disruption
Reported blend components	(Z,Z)-3,13-octadecadienyl acetate; (E,Z)-2,13-octadecenyl acetate
Reported blend ratio	(Z,Z)-3,13-octadecadienyl acetate: 4:6 (E,Z)-2,13-octadecenyl acetate: 95:5
Key reference	doi:10.1007/s10886-011-9929-0; doi:10.1603/ec09435