



TECHNICAL DATA SHEET

Standard grade

Product name	(Z)-10-Tetradecenyl acetate	Product code	EP00113
CAS No.	35153-16-3	Pheromone code	10Z-14:OAc
Molecular formula	C ₁₆ H ₃₀ O ₂	Molecular weight	254.41

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (10Z)	≥ 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	Grapholita funebrana (plum fruit moth)
Order / family	Lepidoptera: Tortricidae
Crops	Plum
Reported use	Mating disruption
Reported blend components	Z8-12:Ac; E8-12:Ac; Z8-12:OH; Z8-14:Ac
Trap type	pheromone-baited traps
Key reference	doi:10.3390/insects15120918; doi:10.3390/insects11090589