



TECHNICAL DATA SHEET

Standard grade

Product name	(E,E)-8,10-Dodecadienyl acetate	Product code	EP00121
CAS No.	53880-51-6	Pheromone code	8E,10E-12:OAc
Molecular formula	C ₁₄ H ₂₄ O ₂	Molecular weight	224.34

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (8E,10E)	≥ 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	Cydia fagiglandana (chestnut tortrix moth); Cydia splendana (chestnut tortrix moth)
Crops	Chestnut
Reported use	Mating disruption
Trap type	pheromone-baited sticky trap
Key reference	doi:10.3390/insects12100905