



TECHNICAL DATA SHEET

Standard grade

Product name	(Z,Z)-11,13-Hexadecadienyl acetate	Product code	EP00077
CAS No.	118744-50-6	Pheromone code	11Z,13Z-16:OAc
Molecular formula	C18H32O2	Molecular weight	280.45

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (11Z,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	Thaumetopoea processionea (oak processionary moth)
Crops	Oak
Reported use	Monitoring
Reported blend components	(E,Z)-11,13-hexadecadienyl acetate; (Z,Z)-11,13-hexadecadienol
Reported blend ratio	(E,Z)-11,13-hexadecadienyl acetate, (Z,Z)-11,13-hexadecadienol: 88:7:5
Dispenser loading	10 mg
Trap type	Pherocon trap; Delta trap
Key reference	doi:10.1021/jf021035g; doi:10.1023/a:1026353816979