



TECHNICAL DATA SHEET

Standard grade

Product name	(Z)-3-Tetradecenyl acetate	Product code	EP00074
CAS No.	54897-65-3	Pheromone code	3Z-14:OAc
Molecular formula	C16H30O2	Molecular weight	254.4082

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (3Z)	≥ 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	Holcocerus insularis (carpenterworm)
Order / family	Lepidoptera: Cossidae
Reported blend components	(E)-3-tetradecen-1-ol (E3-14:OH); (Z)-3-tetradecen-1-ol (Z3-14:OH)
Reported blend ratio	(E)-3-tetradecen-1-ol (E3-14:OH), (Z)-3-tetradecen-1-ol (Z3-14:OH): 51:39:10 (Z3-14:Ac : E3-14:OH : Z3-14:OH)
Dispenser loading	500 microg/septum
Key reference	doi:10.1515/znc-2001-5-617