



TECHNICAL DATA SHEET

Standard grade

Product name	(Z)-5-Decenyl acetate	Product code	EP00017
CAS No.	67446-07-5	Pheromone code	5Z-10:OAc
Molecular formula	C ₁₂ H ₂₂ O ₂	Molecular weight	198.3

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (5Z)	≥ 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	<i>Agrotis segetum</i> (turnip moth)
Order / family	Lepidoptera: Noctuidae
Reported blend components	(Z)-7-dodecenyl acetate; (Z)-9-tetradecenyl acetate
Key reference	doi:10.1007/bf00987479; doi:10.1016/0968-0896(96)00032-6