



TECHNICAL DATA SHEET

Standard grade

Product name	(Z)-8-Tridecenyl acetate	Product code	EP00053
CAS No.	64437-30-5	Pheromone code	8Z-13:OAc
Molecular formula	C15H28O2	Molecular weight	240.38

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (8Z)	≥ 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	Chilo auricilius (sugarcane stalk borer)
Order / family	Lepidoptera: Pyralidae
Crops	Sugarcane
Reported blend components	(Z)-9-tetradecenyl acetate; (Z)-10-pentadecenyl acetate
Reported blend ratio	(Z)-9-tetradecenyl acetate: 4 (Z)-10-pentadecenyl acetate: 1
Key reference	doi:10.1007/bf01012357