



TECHNICAL DATA SHEET

Standard grade

Product name	(Z)-7-Tetradecenyl acetate	Product code	EP00013
CAS No.	16974-10-0	Pheromone code	7Z-14:OAc
Molecular formula	C16H30O2	Molecular weight	254.41

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (7Z)	≥ 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	Eogystia hippophaecolus (seabuckthorn carpenterworm); Parahypopta caestrum (asparagus moth)
Order / family	Lepidoptera: Cossidae
Crops	Seabuckthorn; asparagus
Reported blend components	E3-14:Ac; Z9-14:OH; Z5-14:Ac; Z9-14:Ac
Key reference	doi:10.1016/j.cbd.2020.100702; doi:10.1007/s10886-024-01504-y