



TECHNICAL DATA SHEET

Standard grade

Product name	(E,Z)-9,12-Tetradecadienyl acetate	Product code	EP00002
CAS No.	31654-77-0	Pheromone code	9E,12Z-14:OAc
Molecular formula	C ₁₆ H ₂₈ O ₂	Molecular weight	252.39

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (9E,12Z)	≥ 93.0 %	GC-FID (cyanopropyl), isomer-normalised

Physical properties (literature reference)

Flash point	62 °C		
-------------	-------	--	--

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	Spodoptera litura
Order / family	Lepidoptera: Noctuidae
Reported use	Monitoring
Key reference	doi:10.1021/acs.nanolett.3c03817