



TECHNICAL DATA SHEET

Standard grade

Product name	(Z,Z,Z)-3,6,9-Octadecatriene	Product code	EP00018
CAS No.	72561-88-7	Pheromone code	3Z,6Z,9Z-18:Hy
Molecular formula	C18H32	Molecular weight	248.45

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (3Z,6Z,9Z)	≥ 93.0 %	GC-FID (cyanopropyl), isomer-normalised

Storage and handling

Storage conditions	2-8 °C, protected from light, tightly closed	Retest period	12 months
Packaging	1 kg; 25 kg	Safety	See Safety Data Sheet

Application (literature reference)

Pheromone type	Sex pheromone
Target species	Ectropis grisescens (tea geometrid (Grey Tea Geometrid)); Ectropis obliqua (tea geometrid); Miltchrista striata (lichen moth)
Order / family	Lepidoptera: Geometridae; Lepidoptera: Arctiidae
Crops	Camellia sinensis (tea)
Reported use	Monitoring; mass trapping
Reported blend components	(Z,Z)-3,9-cis-6,7-epoxy-octadecadiene (Z3,epo6,Z9-18:H); (Z,Z)-3,9-cis-6,7-epoxy-nonadecadiene (Z3,epo6,Z9-19:H); (Z,Z)-3,6-cis-9,10-epoxy-octadecadiene (Z3,Z6,epo9-18:H); (Z,Z,Z)-3,6,9-nonadecatriene (Z3,Z6,Z9-19:H)
Key reference	doi:10.1093/jee/tox216; doi:10.1093/jee/tov282