



TECHNICAL DATA SHEET

Standard grade

Product name	(Z,Z)-3,6-cis-9,10-Epoxyheneicosadiene	Product code	EP00154
InChIKey	HQCGSJRACGWHOF-CIINBXFRSA-N	Pheromone code	—
Molecular formula	C21H38O	Molecular weight	306.53

Specification

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

Storage and handling

Storage conditions	2–8 °C, dry, protected from light, away from acids	Retest period	12 months
Packaging	1 kg; 25 kg	Safety	See Safety Data Sheet

Application (literature reference)

Pheromone type	Sex pheromone
Target species	Hyphantria cunea (fall webworm moth); Estigmene acrea (saltmarsh caterpillar moth)
Reported blend components	(Z,Z)-9,12-octadecadienal; (Z,Z,Z)-9,12,15-octadecatrienal
Reported blend ratio	(Z,Z)-9,12-octadecadienal, (Z,Z,Z)-9,12,15-octadecatrienal: 5:6:13
Key reference	doi:10.1007/bf00987787