



TECHNICAL DATA SHEET

Standard grade

Product name	(E,E)-10,12-Hexadecadien-1-ol	Product code	EP00048
CAS No.	765-19-5	Pheromone code	10E,12E-16:OH
Molecular formula	C16H30O	Molecular weight	238.41

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (10E,12E)	≥ 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	Maruca vitrata (legume pod borer)
Order / family	Lepidoptera: Crambidae
Crops	Cowpea; pigeonpea; mungbean; yard-long bean; soybean
Reported use	Mating disruption
Reported blend components	(E,E)-10,12-Hexadecadienal; (E)-10-Hexadecenal
Reported blend ratio	(E,E)-10,12-Hexadecadienal: 100 (E)-10-Hexadecenal: 5
Key reference	doi:10.1007/s10886-015-0653-z; doi:10.3390/insects11090558