



TECHNICAL DATA SHEET

Standard grade

Product name	(Z,E)-5,7-Dodecadienyl propionate	Product code	EP00155
InChIKey	FDPOUOBXISIOH-GOJKSUSPSA-N	Pheromone code	5Z,7E-12:OPr
Molecular formula	C15H26O2	Molecular weight	238.37

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (5Z,7E)	≥ 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	Dendrolimus punctatus (pine caterpillar moth)
Order / family	Lepidoptera: Lasiocampidae
Crops	Conifers; pine
Key reference	doi:10.1016/j.ibmb.2010.04.003; doi:10.1016/j.ibmb.2003.10.005