



TECHNICAL DATA SHEET

Standard grade

Product name	(3Z)-3-Hexenoic acid(2E)-2-hexenyl ester	Product code	EP00041
CAS No.	153367-21-6	Pheromone code	3Z-6:Acid
Molecular formula	C ₁₂ H ₂₀ O ₂	Molecular weight	196.29

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (3Z)	≥ 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	Aggregation pheromone
Target species	Riptortus clavatus (bean bug); Piezodorus hybneri; Ooencyrtus nezarae
Order / family	Heteroptera: Alydidae; Heteroptera: Pentatomidae
Reported blend components	(E)-2-hexenyl (E)-2-hexenoate; myristyl isobutyrate
Key reference	doi:10.1007/s10886-005-9024-5; doi:10.1007/bf02033802