



TECHNICAL DATA SHEET

Standard grade

Product name	Cue-lure	Product code	EP00221
CAS No.	3572-06-3	Pheromone code	—
Molecular formula	C ₁₂ H ₁₄ O ₃	Molecular weight	206.24

Specification

Property	Specification	Method
Appearance	Clear, yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)

Physical properties (literature reference)

Boiling point	123–124 °C / 0.2 mm Hg	Density	1.096 g/cm ³
Refractive index	n _D 1.506	Flash point	70 °C
Solubility	Insoluble in water		

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	Plant volatile attractant
Target species	Bactrocera tryoni (Queensland fruit fly); Zeugodacus cucurbitae (melon fly); Bactrocera jarvisi
Order / family	Diptera: Tephritidae
Crops	Cucurbits; other fruiting vegetables; certain tree fruits
Reported use	Monitoring; attract-and-kill
Reported blend components	methyl eugenol
Trap type	Steiner trap; bucket trap; yellow sticky trap
Key reference	doi:10.1007/s10886-016-0673-3; doi:10.1093/jee/toz006