



TECHNICAL DATA SHEET

Standard grade

Product name	Nepetalactol	Product code	EP00253
CAS No.	109215-55-6	Pheromone code	—
Molecular formula	C ₁₀ H ₁₆ O ₂	Molecular weight	168.24

Specification

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

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	Acyrtosiphon pisum (pea aphid); Dysaphis plantaginea (rosy apple aphid); Aphis fabae (black bean aphid); Rhopalosiphum padi (bird cherry-oat aphid)
Crops	Apple; prune/plum
Reported use	Monitoring
Reported blend components	nepetalactone
Reported blend ratio	nepetalactone: 1:0, 0:1, 1:1, 2.6:1, 3.4:1, 5:1, 7:1 (nepetalactone:nepetalactol)
Trap type	water trap
Key reference	doi:10.1073/pnas.2211254119; doi:10.1002/chem.202001356