



TECHNICAL DATA SHEET

Standard grade

Product name	Monochamol	Product code	EP00190
CAS No.	38471-47-5	Pheromone code	—
Molecular formula	C ₁₃ H ₂₈ O ₂	Molecular weight	216.36

Specification

Property	Specification	Method
Appearance	Clear, colourless to yellow oily 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	Aggregation pheromone
Target species	Monochamus maculosus; Monochamus alternatus; Monochamus saltuarius; Monochamus scutellatus scutellatus
Order / family	Coleoptera: Cerambycidae; Coleoptera: Cerambycidae; Coleoptera: Cerambycidae
Crops	Pine; mulberry
Reported use	Monitoring
Reported blend components	α-pinene; ethanol; geranyl acetone; fuscumol acetate
Trap type	multi-funnel trap
Key reference	doi:10.1093/jee/toy137; doi:10.1093/jee/tow084