



TECHNICAL DATA SHEET

Standard grade

Product name	Fuscumol	Product code	EP00187
CAS No.	53837-34-6	Pheromone code	—
Molecular formula	C ₁₃ H ₂₄ O	Molecular weight	196.33

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow 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	Tetropium fuscum (brown spruce longhorn beetle); Tetropium cinnamopterum (eastern larch borer); Arhopalus ferus (burnt pine longhorn beetle)
Order / family	Coleoptera: Cerambycidae; Coleoptera: Cerambycidae; Coleoptera: Cerambycidae: Spondylidinae
Crops	Spruce; pine; conifers
Reported use	Monitoring
Reported blend components	host monoterpenes and ethanol; geranyl acetone; fuscumol acetate
Trap type	flight intercept trap
Key reference	doi:10.1007/s10886-010-9876-1; doi:10.1093/jee/toab203