



TECHNICAL DATA SHEET

Standard grade

Product name	(2,3,4,4-Tetramethylcyclopentyl)methyl acetate	Product code	EP00196
InChIKey	XETZXVIUAWDKIL-UHFFFAOYSA-N	Pheromone code	—
Molecular formula	C ₁₂ H ₂₂ O ₂	Molecular weight	198.31

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	Sex pheromone
Target species	<i>Pseudococcus viburni</i> (obscure mealybug)
Order / family	Hemiptera: Pseudococcidae
Reported use	Monitoring
Reported blend components	<i>Pseudococcus longispinus</i> pheromone; <i>Planococcus citri</i> (Risso) pheromone
Dispenser loading	25-microg doses (doses of 1-320 microg tested; 10-320 microg equally attractive for <i>P. viburni</i> males; 25-microg lures had effective field lifetimes of at least 12 wk)
Key reference	doi:10.1007/s10886-005-9320-0; doi:10.1603/ec10317