

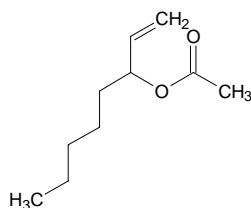
1-octen-3-yl acetate

1-オクテン-3-イル アセテート

Formula C₁₀H₁₈O₂

Mol. Wt. 170.25

CAS No. 2442-10-6



SEQ No. 2026 エステル類

FEMA No. 3582

JECFA No. 1836

	JFFMA	JECFA	FCC
Chemical name	1-octen-3-yl acetate	1-Octen-3-yl acetate	1-Octen-3-yl Acetate
Content (NLT)	95.0 % (GC)	95 %	95.0 % GC(M-1b)
Refractive index	1.418-1.428 (n _{20D})	1.420-1.425 (n _{20D})	1.418-1.428 (n _{20D})
Specific gravity	0.873-0.883 (d _{20/20})	0.870-0.876 (d _{25/25})	0.865-0.886 (d _{25/25})
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR :1,2 MS :4 NMR :	HNMR	IR

*References

- 1: Joint FAO/WHO Expert Committee on Food Additive (JECFA)
- 2: Food Chemicals Codex (FCC)
- 3: 有機化合物のスペクトルデータベース SDBS(独立行政法人産業技術総合研究所)
- 4: Wiley's Registry of Mass spectral Database
- 5: NIST/EPA/NIH Mass Spectral Library
- 6: Sigma-Aldrich