

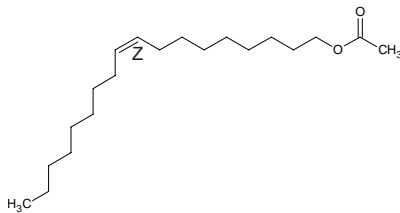
cis-9-octadecenyl acetate

cis-9-オクタデセニル アセテート

Formula C₂₀H₃₈O₂

Mol. Wt. 310.51

CAS No. 693-80-1



SEQ No. 2067 エステル類

FEMA No. 4359

JECFA No. 1638

	JFFMA	JECFA	FCC
Chemical name	cis-9-octadecenyl acetate	cis-9-Octadecenyl acetate	
Content (NLT)	92.0 % (GC)	92 %	
Refractive index	1.448-1.453 (n _{20D})	1.446-1.453 (n _{20D})	
Specific gravity	0.868-0.874 (d _{20/20})	0.865-0.874 (20°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements		Also contains 2-3% hexadecyl acetate and 2-3% octadecyl acetate	
Identification*	IR :1,3 MS :1,3 NMR :1	HNMR IR MS	

*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