

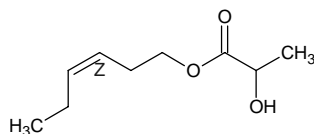
cis-3-hexenyl lactate

cis-3-ヘキセニル ラクテート

Formula C₉H₁₆O₃

Mol. Wt. 172.22

CAS No. 61931-81-5



SEQ No. 1172 エステル類

FEMA No. 3690

JECFA No. 934

	JFFMA	JECFA	FCC
Chemical name	cis-3-hexenyl lactate	cis-3-Hexenyl lactate	
Content (NLT)	95.0 % (GC)	96 %	
Refractive index	1.441-1.451 (n _{20D})	1.441-1.451 (n _{20D})	
Specific gravity	0.981-0.991 (d _{20/20})	0.968-0.984 (d _{25/25})	
Acid value (NMT)	2.0	1.0	
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
Other requirements			
Identification*	IR :1,3,6 MS :3,4,5 NMR :3	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