

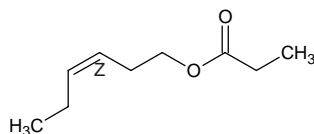
cis-3-hexenyl propionate

cis-3-ヘキセニル プロピオネート

Formula C₉H₁₆O₂

Mol. Wt. 156.22

CAS No. 33467-74-2



SEQ No. 1181 エステル類

FEMA No. 3933

JECFA No. 1274

	JFFMA	JECFA	FCC
Chemical name	cis-3-hexenyl propionate	cis-Hexenyl propionate	
Content (NLT)	95.0 % (GC)	97 %	
Refractive index	1.424-1.434 (n _{20D})	1.428-1.431 (n _{20D})	
Specific gravity	0.891-0.901 (d _{20/20})	0.888-0.892 (d _{25/25})	
Acid value (NMT)	2.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements			
Identification*	IR : 1,3 MS : 3,4,5 NMR : 1,3	NMR 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