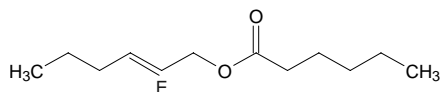


trans-2-hexenyl hexanoate

trans-2-ヘキセニル ヘキサノエート

Formula C₁₂H₂₂O₂

Mol. Wt. 198.30



CAS No. 53398-86-0

SEQ No. 1164 エステル類

FEMA No. 3983

JECFA No. 1381

	JFFMA	JECFA	FCC
Chemical name	trans-2-hexenyl hexanoate	(E)-2-Hexenyl hexanoate	
Content (NLT)	93.0 % (GC)	93 %	
Refractive index	1.432-1.442 (n _{20D})	1.432-1.446 (n _{20D})	
Specific gravity	0.873-0.883 (d _{20/20})	0.875-0.885 (d _{25/25})	
Acid value (NMT)	1.0	3	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements		SC: Hexanoic acid, 2-Hexenol	
Identification*	IR :1,3 MS :1,4,5 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