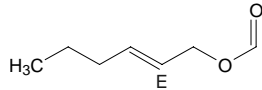


trans-2-hexenyl formate

trans-2-ヘキセニル ホーマート

Formula C₇H₁₂O₂

Mol. Wt. 128.17



CAS No. 53398-78-0

SEQ No. 1160 エステル類

FEMA No. 3927

JECFA No. 1376

	JFFMA	JECFA	FCC
Chemical name	trans-2-hexenyl formate	(E)-2-Hexenyl formate	
Content (NLT)	90.0 % (GC)	97 %	
Refractive index	1.420-1.430 (n _{20D})	1.420-1.424 (n _{20D})	
Specific gravity	0.900-0.910 (d _{20/20})	0.915-0.925 (d _{25/25})	
Acid value (NMT)	2.0	3	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS :4 NMR :1	NMR	

*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