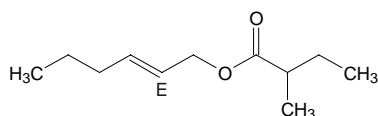


trans-2-hexenyl 2-methylbutyrate

trans-2-ヘキセニル 2-メチルブチレート

Formula C₁₁H₂₀O₂

Mol. Wt. 184.28



CAS No. 94089-01-7

SEQ No. 1135 エステル類

FEMA No. 4274

JECFA No. 1797

	JFFMA	JECFA	FCC
Chemical name	trans-2-hexenyl 2-methylbutyrate	trans-2-Hexenyl 2-methylbutyrate	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.430-1.434 (n _{20D})	1.430-1.434 (n _{20D})	
Specific gravity	0.874-0.879 (d _{20/20})	0.874-0.879 (20°C)	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :1,3 NMR :1,3	HNMR 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