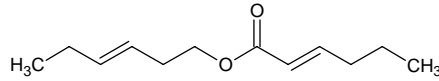


3-hexenyl 2-hexenoate

3-ヘキセニル 2-ヘキセノエート

Formula C₁₂H₂₀O₂

Mol. Wt. 196.29



CAS No.

SEQ No. 1132 エステル類

FEMA No.

JECFA No. 1279

	JFFMA	JECFA	FCC
Chemical name	3-hexenyl 2-hexenoate	3-Hexenyl 2-hexenoate	
Content (NLT)	94.0 % (GC)	86 %	
Refractive index	1.452–1.462 (n _{20D})	1.453–1.461 (n _{20D})	
Specific gravity	0.898–0.908 (d _{20/20})	0.897–0.905 (d _{25/25})	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements		SC: 3-hexenyl 3-hexenoate, hexenyl hexanoate	
Identification*	IR :1 MS :1,4 NMR :1	HNMR MS 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