

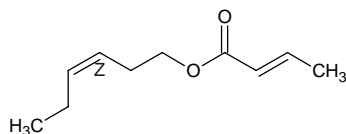
cis-3-hexenyl crotonate

cis-3-ヘキセニル クロトネート

Formula C₁₀H₁₆O₂

Mol. Wt. 168.23

CAS No. 65405-80-3



SEQ No. 1156 エステル類

FEMA No. 3982

JECFA No. 1276

	JFFMA	JECFA	FCC
Chemical name	cis-3-hexenyl crotonate	(Z)-3-Hexenyl (E)-2-butenate	
Content (NLT)	95.0 % (Chem)	97 %	
Refractive index	1.448-1.458 (n _{20D})	1.427-1.437 (n _{20D})	
Specific gravity	0.908-0.918 (d _{20/20})	0.894-0.904 (d _{25/25})	
Acid value (NMT)	1.0	1	
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements			
Identification*	IR :1,3 MS :1,3,4,5 NMR :1,3	CNMR 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