

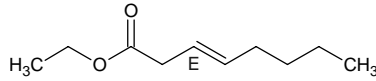
ethyl trans-3-octenoate

エチル trans-3-オクテノエート

Formula C₁₀H₁₈O₂

Mol. Wt. 170.25

CAS No. 26553-47-9



SEQ No. 885 エステル類

FEMA No. 4361

JECFA No. 1632

	JFFMA	JECFA	FCC
Chemical name	ethyl trans-3-octenoate	Ethyl 3-octenoate	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.427-1.437 (n _{20D})	1.434-1.438 (n _{20D})	
Specific gravity	0.881-0.891 (d _{20/20})	0.881-0.887 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :1,3,4 NMR :3	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