

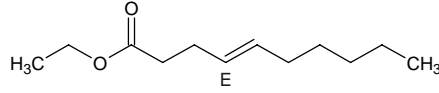
ethyl trans-4-decenoate

エチル trans-4-デセノエート

Formula C₁₂H₂₂O₂

Mol. Wt. 198.30

CAS No. 76649-16-6



SEQ No. 886 エステル類

FEMA No. 3642

JECFA No. 341

	JFFMA	JECFA	FCC
Chemical name	ethyl trans-4-decenoate	Ethyl trans-4-decenoate	
Content (NLT)	96.0 % (GC)	95 %	
Refractive index	1.432-1.442 (n _{20D})	1.432-1.444 (n _{20D})	
Specific gravity	0.871-0.881 (d _{25/25})	0.877-0.883 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3 MS : 3,4,5 NMR : 3	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