

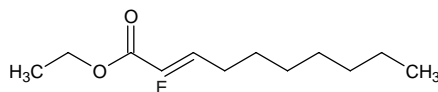
ethyl trans-2-decenoate

エチル trans-2-デセノエート

Formula C₁₂H₂₂O₂

Mol. Wt. 198.30

CAS No. 7367-88-6



SEQ No. 881 エステル類

FEMA No. 3641

JECFA No. 1814

	JFFMA	JECFA	FCC
Chemical name	ethyl trans-2-decenoate	Ethyl trans-2-decenoate	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.440-1.450 (n _{20D})	1.440-1.450 (n _{20D})	
Specific gravity	0.880-0.890 (d ₂₀ /20)	0.880-0.890 (20°C)	
Acid value (NMT)	1.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1 MS :1,4,5 NMR :1	HNMR IR 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