

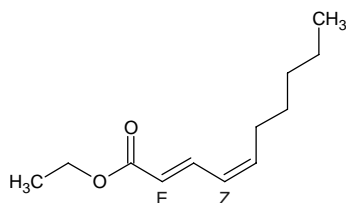
ethyl trans,cis-2,4-decadienoate

エチル trans,cis-2,4-デカジエノエート

Formula C₁₂H₂₀O₂

Mol. Wt. 196.29

CAS No. 3025-30-7



SEQ No. 880 エステル類

FEMA No. 3148

JECFA No. 1192

	JFFMA	JECFA	FCC
Chemical name	ethyl trans,cis-2,4-decadienoate	ethyl trans-2-cis-4-decadienoate	
Content (NLT)	90.0 % (GC) sum of isomers	90 %	
Refractive index	1.476-1.491 (n _{20D})	1.480-1.486 (n _{20D})	
Specific gravity	0.890-0.911 (d _{20/20})	0.917-0.920 (d _{25/25})	
Acid value (NMT)	2.0	1	
Melting/Congeaing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements		SC: (E,E)-ethyl 2,4-decadienoate	
Identification*	IR : MS : 4,5 NMR : 1	NMR	

*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