

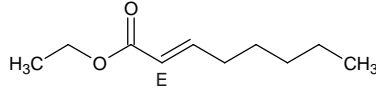
ethyl trans-2-octenoate

エチル trans-2-オクテノエート

Formula C₁₀H₁₈O₂

Mol. Wt. 170.25

CAS No. 7367-82-0



SEQ No. 770 エステル類

FEMA No. 3643

JECFA No. 1812

| | JFFMA | JECFA | FCC |
|---------------------------|-----------------------------------|---------------------------------|-----|
| Chemical name | ethyl trans-2-octenoate | Ethyl trans-2-octenoate | |
| Content (NLT) | 98.0 % (GC) | 98 % | |
| Refractive index | 1.439-1.445 (n _{20D}) | 1.439-1.445 (n _{20D}) | |
| Specific gravity | 0.888-0.894 (d ₂₀ /20) | 0.888-0.894 (20°C) | |
| Acid value (NMT) | 1.0 | | |
| Melting/Congeealing point | | | |
| Angular/Specific rotation | | | |
| Heavy metals (NMT) | | | |
| Solubility in ethanol | | Soluble | |
| Other requirements | | | |
| Identification* | IR :1 MS :1,3,4,5 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