

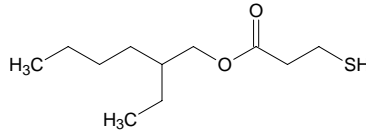
2-ethylhexyl 3-mercaptopropionate

2-エチルヘキシル 3-メルカプトプロピオネート

Formula C₁₁H₂₂O₂S

Mol. Wt. 218.36

CAS No. 50448-95-8



SEQ No. 920 エステル類

FEMA No. 4588

JECFA No. 1938

| | JFFMA | JECFA | FCC |
|---------------------------|-----------------------------------|-----------------------------------|-----|
| Chemical name | 2-ethylhexyl 3-mercaptopropionate | 2-Ethylhexyl 3-mercaptopropionate | |
| Content (NLT) | 98.0 % (GC) | 96 % | |
| Refractive index | 1.458-1.464 (n _{20D}) | 1.458-1.464 (n _{20D}) | |
| Specific gravity | 0.964-0.970 (d ₂₀ /20) | 0.964-0.970 (20°C) | |
| Acid value (NMT) | 1.0 | | |
| Melting/Congeealing point | | | |
| Angular/Specific rotation | | | |
| Heavy metals (NMT) | | | |
| Solubility in ethanol | | Soluble | |
| Other requirements | | | |
| Identification* | IR :3 MS :1,3,4,5 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