

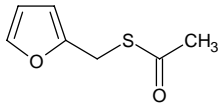
S-furfuryl ethanethioate

S-フルフリル エタンチオエート

Formula C₇H₈O₂S

Mol. Wt. 156.20

CAS No. 13678-68-7



SEQ No. 982 エステル類

FEMA No. 3162

JECFA No. 1074

| | JFFMA | JECFA | FCC |
|---------------------------|-----------------------------------|---------------------------------|-----|
| Chemical name | S-furfuryl ethanethioate | S-Furfuryl thioacetate | |
| Content (NLT) | 95.0 % (GC) | 95 % | |
| Refractive index | 1.519-1.530 (n _{20D}) | 1.522-1.529 (n _{20D}) | |
| Specific gravity | 1.152-1.165 (d _{20/20}) | 1.149-1.155 (20°C) | |
| Acid value (NMT) | 1.0 | | |
| Melting/Congeealing point | | | |
| Angular/Specific rotation | | | |
| Heavy metals (NMT) | | | |
| Solubility in ethanol | | Miscible at room temperature | |
| Other requirements | | | |
| Identification* | IR :6 MS :4,5 NMR :1,6 | 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