

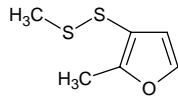
methyl 2-methyl-3-furyl disulfide

メチル 2-メチル-3-フリル ジスルフィド

Formula C₆H₈OS₂

Mol. Wt. 160.26

CAS No. 65505-17-1



SEQ No. 1590 チオエーテル類

FEMA No. 3573

JECFA No. 1064

| | JFFMA | JECFA | FCC |
|---------------------------|-----------------------------------|---|-----|
| Chemical name | methyl 2-methyl-3-furyl disulfide | Methyl 2-methyl-3-furyl disulfide | |
| Content (NLT) | 97.0 % (GC) | 97 % | |
| Refractive index | 1.554-1.566 (n _{20D}) | 1.558-1.563 (n _{20D}) | |
| Specific gravity | 1.159-1.180 (d _{20/20}) | 1.203-1.208 (d _{25/25}) | |
| Acid value (NMT) | | | |
| Melting/Congeealing point | | | |
| Angular/Specific rotation | | | |
| Heavy metals (NMT) | | | |
| Solubility in ethanol | | Miscible at room temperature | |
| Other requirements | | up to 3% bis(2-methyl-3-furyl)disulfide | |
| Identification* | IR :1 MS :4 NMR :1 | IR 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