

1,9-nonanedithiol

1,9-ノナンジチオール

Formula C₉H₂₀S₂ 

Mol. Wt. 192.39

CAS No. 3489-28-9

SEQ No. 1959 チオール類

FEMA No. 3513

JECFA No. 542

| | JFFMA | JECFA | FCC |
|---------------------------|-------------------------------------|---|-----|
| Chemical name | 1,9-nonanedithiol | 1,9-Nonanedithiol | |
| Content (NLT) | 95.0 % (GC) | 95 % 95% +2.1% 1,2- dithiacycloundecane (equil. mix) | |
| Refractive index | 1.496-1.506 (n _{20D}) | 1.4999-1.5099 (n _{20D}) | |
| Specific gravity | 0.952-0.962 (d _{20/20}) | 0.952-0.957 (d _{25/25}) | |
| Acid value (NMT) | | | |
| Melting/Congeaing point | | | |
| Angular/Specific rotation | | | |
| Heavy metals (NMT) | | | |
| Solubility in ethanol | | | |
| Other requirements | | | |
| Identification* | IR : 1,5,6 MS : 4,5 NMR : 1,6 | NMR, IR | |

*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