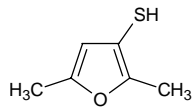


# 2,5-dimethyl-3-furanthiol

## 2,5-ジメチル-3-フランチオール

Formula C<sub>6</sub>H<sub>8</sub>OS

Mol. Wt. 128.19



CAS No. 55764-23-3

SEQ No. 644 チオール類

FEMA No. 3451

JECFA No. 1063

	JFFMA	JECFA	FCC
Chemical name	2,5-dimethyl-3-furanthiol	2,5-Dimethyl-3-furanthiol	
Content (NLT)	90.0 % (GC)	98 %	
Refractive index	1.500-1.520 (n <sub>20D</sub> )	1.500-1.520 (n <sub>20D</sub> )	
Specific gravity	1.052-1.068 (d <sub>20/20</sub> )	1.138-1.144 (d <sub>25/25</sub> )	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR :1 MS :4 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