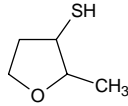


2-methyl-3-tetrahydrofuranthiol

2-メチル-3-テトラヒドロフランチオール

Formula C₅H₁₀OS

Mol. Wt. 118.20



CAS No. 57124-87-5

SEQ No. 1777 チオール類

FEMA No. 3787

JECFA No. 1090

	JFFMA	JECFA	FCC
Chemical name	2-methyl-3-tetrahydrofuranthiol	2-Methyl-3-tetrahydrofuranthiol	
Content (NLT)	95.0 % (GC) sum of isomers	97 % 71% trans and 26% cis isomer	
Refractive index	1.473-1.491 (n _{20D})	1.475-1.491 (n _{20D})	
Specific gravity	1.041-1.057 (d _{20/20})	1.042-1.049 (d _{25/25})	
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 :1 NMR :1	MS 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