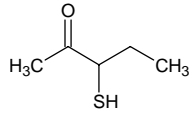


3-mercapto-2-pentanone

3-メルカプト-2-ペンタノン

Formula C₅H₁₀O_S

Mol. Wt. 118.20



CAS No. 67633-97-0

SEQ No. 1537 ケトン類

FEMA No. 3300

JECFA No. 560

	JFFMA	JECFA	FCC
Chemical name	3-mercapto-2-pentanone	3-Mercapto-2-pentanone	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.463-1.469 (n _{20D})	1.414-1.424 (n _{20D})	
Specific gravity	0.986-1.002 (d _{20/20})	0.988-0.998 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : MS :1,4 NMR :	MS	

*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