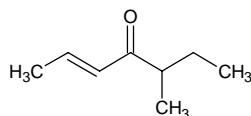


5-methyl-2-hepten-4-one

5-メチル-2-ヘプテン-4-オン

Formula C₈H₁₄O

Mol. Wt. 126.20



CAS No. 81925-81-7

SEQ No. 1738 ケトン類

FEMA No. 3761

JECFA No. 1133

	JFFMA	JECFA	FCC
Chemical name	5-methyl-2-hepten-4-one	5-Methyl-2-hepten-4-one	
Content (NLT)	95.0 % (GC)	98 %	
Refractive index	1.436-1.446 (n _{20D})	1.440-1.445 (n _{20D})	
Specific gravity	0.846-0.856 (d _{20/20})	0.845-0.852 (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 : MS : NMR :1	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