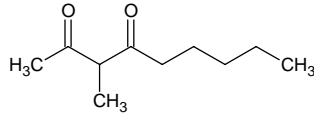


3-methyl-2,4-nonanedione

3-メチル-2,4-ノンジオン

Formula C₁₀H₁₈O₂

Mol. Wt. 170.25



CAS No. 113486-29-6

SEQ No. 1849 ケトン類

FEMA No. 4057

JECFA No. 2032

	JFFMA	JECFA	FCC
Chemical name	3-methyl-2,4-nonanedione	3-Methyl-2,4-nonedione	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.442-1.452 (n _{20D})	1.448-1.454 (n _{20D})	
Specific gravity	0.917-0.927 (d _{20/20})	0.923-0.927 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1,3 MS :1,3,4 NMR :1	CNMR HNMR IR 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