

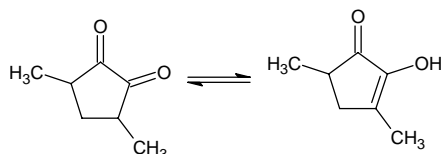
3,5-dimethyl-1,2-cyclopentanedione

3,5-ジメチル-1,2-シクロペンタンジオン

Formula C7H10O2

Mol. Wt. 126.15

CAS No. 13494-07-0



SEQ No. 631 ケトン類

FEMA No. 3269

JECFA No. 421

	JFFMA	JECFA	FCC
Chemical name	3,5-dimethyl-1,2-cyclopentanedione	3,5-Dimethyl-1,2-cyclopentanedione	
Content (NLT)	95.0 % (GC)	98 %	
Refractive index			
Specific gravity		0.5g/ml (20°C)	
Acid value (NMT)			
Melting/Congeealing point	MP: 87 to 93°C	MP: 87 to 93°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :3 MS :1,3 NMR :3	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