

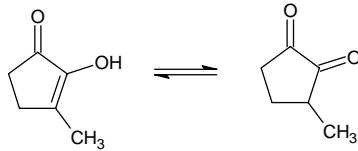
cyclotene

シクロテン

Formula C₆H₈O₂

Mol. Wt. 112.13

CAS No. 80-71-7



SEQ No. 475 ケトン類

FEMA No. 2700

JECFA No. 418

	JFFMA	JECFA	FCC
Chemical name	cyclotene	Methylcyclopentenolone	Methyl Cyclopentenolone
Content (NLT)	95.0 % (GC)	95 %	
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeealing point	MP: 104 to 108°C	MP: 104 to 108°C	MP: 104 to 108°C
Angular/Specific rotation			
Heavy metals (NMT)		0.004%	
Solubility in ethanol		1 g in 5 ml 90% alcohol	1 g in 5 mL 90% alc
Other requirements			
Identification*	IR : 1,2,3 MS : 3,4,5 NMR : 3	IR	IR

*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