

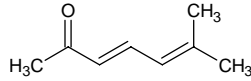
# 6-methyl-3,5-heptadien-2-one

## 6-メチル-3,5-ヘプタジエン-2-オン

Formula C<sub>8</sub>H<sub>12</sub>O

Mol. Wt. 124.18

CAS No. 1604-28-0



SEQ No. 1839 ケトン類

FEMA No. 3363

JECFA No. 1134

	JFFMA	JECFA	FCC
Chemical name	6-methyl-3,5-heptadien-2-one	6-Methyl-3,5-heptadien-2-one	
Content (NLT)	96.0 % (GC)	96 %	
Refractive index	1.530-1.540 (n <sub>20D</sub> )	1.528-1.537 (n <sub>20D</sub> )	
Specific gravity	0.892-0.902 (d <sub>20/20</sub> )	0.895-0.899 (d <sub>25/25</sub> )	
Acid value (NMT)		1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR : MS :4,5 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