

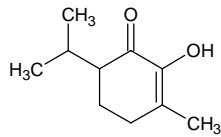
2-hydroxy-6-isopropyl-3-methyl-2-cyclohexenone

2-ヒドロキシ-6-イソプロピル-3-メチル-2-シクロヘキセノン

Formula C₁₀H₁₆O₂

Mol. Wt. 168.23

CAS No. 490-03-9



SEQ No. 678 ケトン類

FEMA No. 4143

JECFA No. 2038

	JFFMA	JECFA	FCC
Chemical name	2-hydroxy-6-isopropyl-3-methyl-2-cyclohexenone	(+/-)-2-Hydroxypiperitone	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeealing point	MP: 78 to 85°C	MP: 78 to 85°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :1,3,4,5 NMR :	HNMR 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