

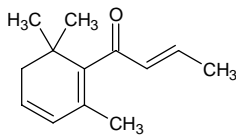
beta-damascenone

β-ダマセノン

Formula C₁₃H₁₈O

Mol. Wt. 190.28

CAS No. 23696-85-7



SEQ No. 482 ケトン類

FEMA No. 3420

JECFA No. 387

	JFFMA	JECFA	FCC
Chemical name	beta-damascenone	Damascenone	
Content (NLT)	98.0 % (GC)	98.0 %	
Refractive index	1.508-1.514 (n _{20D})	1.508-1.514 (n _{20D})	
Specific gravity	0.944-0.952 (d ₂₀ /20)	0.945-0.952 (20°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 10 ml 95% alcohol	
Other requirements			
Identification*	IR :1 MS :4,5 NMR :	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