

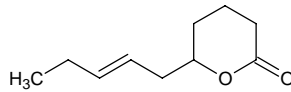
7-decen-5-olide

7-デセン-5-オリド

Formula C₁₀H₁₆O₂

Mol. Wt. 168.23

CAS No. 34686-71-0



SEQ No. 516 ラクトン類

FEMA No. 3745

JECFA No. 247

	JFFMA	JECFA	FCC
Chemical name	7-decen-5-olide	5-Hydroxy-7-decenoic acid delta-lactone	
Content (NLT)	94.0 % (GC)	95 %	
Refractive index	1.471-1.481 (n _{20D})	1.477 (n _{20D})	
Specific gravity	0.995-1.007 (d _{20/20})	0.979-0.989 (d _{25/25})	
Acid value (NMT)	5.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1 MS :4 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