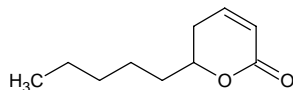


2-decen-5-olide

2-デセン-5-オリド

Formula C₁₀H₁₆O₂

Mol. Wt. 168.23



CAS No. 54814-64-1

SEQ No. 515 ラクトン類

FEMA No. 3744

JECFA No. 246

	JFFMA	JECFA	FCC
Chemical name	2-decen-5-olide	5-Hydroxy-2-decenoic acid delta-lactone	
Content (NLT)	93.0 % (GC)	95.0 %	
Refractive index	1.465-1.480 (n _{20D})	1.462-1.482 (n _{20D})	
Specific gravity	0.981-0.991 (d _{20/20})	0.947-0.987 (d _{20/20})	
Acid value (NMT)	10.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1,3 MS :3,4,5 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