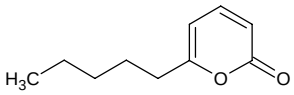
2,4-decadien-5-olide

2,4-デカジエン-5-オリド

Formula C10H14O2

Mol. Wt. 166.22



CAS No. 27593-23-3

SEQ No. 2090 ラクトン類

FEMA No. 3696

JECFA No. 245

	JFFMA	JECFA	FCC
Chemical name	2,4-decadien-5-olide	5-Hydroxy-2,4-decadienoic acid delta-lactone	
Content (NLT)	96.0 % (GC)	98.7 %	
Refractive index	1.500-1.510 (n20D)	1.501-1.509 (n20D)	
Specific gravity	1.000-1.020 (d20/20)	1.000-1.009 (d25/25)	
Acid value (NMT)	5.0		
Melting/Congealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1 MS :4,5 NMR :6	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