

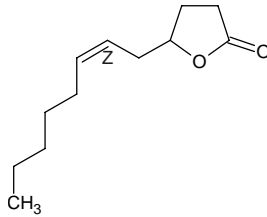
cis-6-dodecen-4-olide

cis-6-ドデセン-4-オリド

Formula C₁₂H₂₀O₂

Mol. Wt. 196.29

CAS No. 18679-18-0



SEQ No. 706 ラクトン類

FEMA No. 3780

JECFA No. 249

	JFFMA	JECFA	FCC
Chemical name	cis-6-dodecen-4-olide	cis-4-Hydroxy-6-dodecenoic acid lactone	
Content (NLT)	95.0 % (GC)	95.5 %	
Refractive index	1.463-1.471 (n _{20D})	1.466 (n _{20D})	
Specific gravity	0.955-0.965 (d _{20/20})	0.958 (d _{25/25})	
Acid value (NMT)	5.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : MS :4,5 NMR :1	NMR	

*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