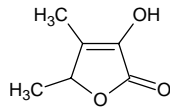


2-hydroxy-3-methyl-2-penten-4-olide

2-ヒドロキシ-3-メチル-2-ペンテン-4-オリド

Formula C₆H₈O₃

Mol. Wt. 128.13



CAS No. 28664-35-9

SEQ No. 1250 ラクトン類

FEMA No. 3634

JECFA No. 243

	JFFMA	JECFA	FCC
Chemical name	2-hydroxy-3-methyl-2-penten-4-olide	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one	
Content (NLT)	97.0 % (GC)	97.5 %	
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeeing point	MP: 25 to 29°C	MP: 25°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
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