

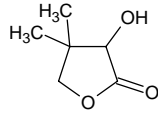
2-hydroxy-3,3-dimethyl-4-butanolide

2-ヒドロキシ-3,3-ジメチル-4-ブタノリド

Formula C₆H₁₀O₃

Mol. Wt. 130.14

CAS No. 79-50-5



SEQ No. 638 ラクトン類

FEMA No.

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	2-hydroxy-3,3-dimethyl-4-butanolide		
Content (NLT)	98.0 % (Chem)		
Refractive index			
Specific gravity			
Acid value (NMT)	10.0		
Melting/Congeealing point	MP: 90 to 94°C		
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR	:3,5,6	
	MS	:3,4,5	
	NMR	:3	

*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