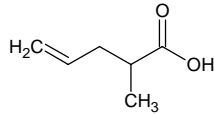


2-methyl-4-pentenoic acid

2-メチル-4-ペンテノイック アシド

Formula C₆H₁₀O₂

Mol. Wt. 114.14



CAS No. 1575-74-2

SEQ No. 1779 脂肪酸類

FEMA No. 3511

JECFA No. 355

	JFFMA	JECFA	FCC
Chemical name	2-methyl-4-pentenoic acid	2-Methyl-4-pentenoic acid	
Content (NLT)	97.0 % (GC)	99.0 %	
Refractive index	1.426-1.436 (n _{20D})	1.426 (n _{20D})	
Specific gravity	0.944-0.956 (d _{25/25})	0.920 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1,3 MS :3,4,5 NMR :3	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