

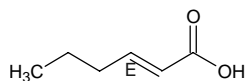
trans-2-hexenoic acid

trans-2-ヘキセノイック アシド

Formula C₆H₁₀O₂

Mol. Wt. 114.14

CAS No. 13419-69-7



SEQ No. 1121 脂肪酸類

FEMA No. 3169

JECFA No. 1361

	JFFMA	JECFA	FCC
Chemical name	trans-2-hexenoic acid	trans-2-Hexenoic acid	
Content (NLT)	98.0 % (Chem)	97 %	
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeeing point	MP: 32 to 38°C	MP: 33 to 37°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 3,6 MS : 3,4,5 NMR : 1,3,6	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