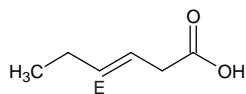


trans-3-hexenoic acid

trans-3-ヘキセノイック アシド

Formula C₆H₁₀O₂

Mol. Wt. 114.14



CAS No. 1577-18-0

SEQ No. 1120 脂肪酸類

FEMA No. 3170

JECFA No. 317

	JFFMA	JECFA	FCC
Chemical name	trans-3-hexenoic acid	3-Hexenoic acid	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.435-1.445 (n _{20D})	1.493-1.496 (n _{20D})	
Specific gravity	0.956-0.966 (d _{20/20})	0.958-0.971 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3,6 MS : 3,4,5 NMR : 3,6	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 SDDBS(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