

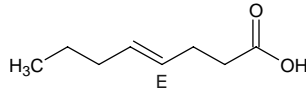
trans-4-octenoic acid

trans-4-オクテノイック アシド

Formula C₈H₁₄O₂

Mol. Wt. 142.20

CAS No. 18776-92-6



SEQ No. 2778 脂肪酸類

FEMA No. 4357

JECFA No. 1629

	JFFMA	JECFA	FCC
Chemical name	trans-4-octenoic acid	trans-4-Octenoic acid	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.438-1.448 (n _{20D})	1.436-1.440 (n _{20D})	
Specific gravity	0.922-0.932 (d _{25/25})	0.924-0.930 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS :1 NMR :	MS	

*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