

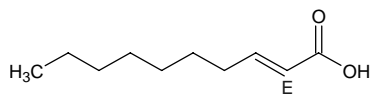
trans-2-decenoic acid

trans-2-デセノイック アシド

Formula C₁₀H₁₈O₂

Mol. Wt. 170.25

CAS No. 334-49-6



SEQ No. 509 脂肪酸類

FEMA No. 3913

JECFA No. 1372

	JFFMA	JECFA	FCC
Chemical name	trans-2-decenoic acid	(E)-2-Decenoic acid	
Content (NLT)	95.0 % (Chem)	97 %	
Refractive index	1.455-1.465 (n _{20D})	1.456-1.466 (n _{20D})	
Specific gravity	0.920-0.930 (d _{20/20})	0.923-0.933 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 1,3 MS : 1,3,4,5 NMR : 1	HNMR IR 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