

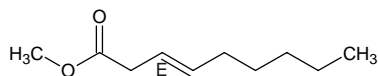
methyl trans-3-nonenoate

メチル trans-3-ノネノエート

Formula C₁₀H₁₈O₂

Mol. Wt. 170.25

CAS No.



SEQ No. 1608 エステル類

FEMA No. 3710

JECFA No. 340

	JFFMA	JECFA	FCC
Chemical name	methyl trans-3-nonenoate	Methyl 3-nonenoate	
Content (NLT)	97.0 % (GC)	95 %	
Refractive index	1.432-1.439 (n _{20D})	1.432-1.442 (n _{20D})	
Specific gravity	0.887-0.893 (d _{25/25})	0.880-0.900 (20°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1,3 MS :3 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