

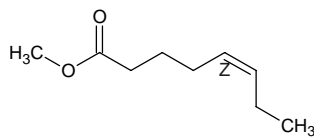
methyl cis-5-octenoate

メチル cis-5-オクテノエート

Formula C₉H₁₆O₂

Mol. Wt. 156.22

CAS No. 41654-15-3



SEQ No. エステル類

FEMA No. 4165

JECFA No. 1630

	JFFMA	JECFA	FCC
Chemical name	methyl cis-5-octenoate	Methyl (Z)-5-octenoate	
Content (NLT)	96.0 % (GC)	95 %	
Refractive index	1.429-1.439 (n _{20D})	1.429-1.435 (n _{20D})	
Specific gravity	0.898-0.908 (d _{20/20})	0.921-0.925 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1 MS :1 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