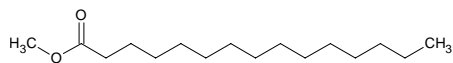


methyl pentadecanoate

メチル ペンタデカノエート

Formula C16H32O2



Mol. Wt. 256.42

CAS No. 7132-64-1

SEQ No. 1699 エステル類

FEMA No.

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	methyl pentadecanoate		
Content (NLT)	97.0 % (GC)		
Refractive index	1.435-1.441 (n _{20D})		
Specific gravity	0.864-0.870 (d ₂₀ /20)		
Acid value (NMT)	3.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR	:3,5,6	
	MS	:3,4,5	
	NMR	:3	

*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