

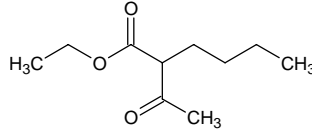
ethyl 2-acetylhexanoate

エチル 2-アセチルヘキサノエート

Formula C₁₀H₁₈O₃

Mol. Wt. 186.25

CAS No. 1540-29-0



SEQ No. 741 エステル類

FEMA No. 4452

JECFA No. 1953

	JFFMA	JECFA	FCC
Chemical name	ethyl 2-acetylhexanoate	Ethyl 2-acetylhexanoate	
Content (NLT)	90.0 % (GC)	95 %	
Refractive index	1.425-1.435 (n _{20D})	1.425-1.435 (n _{20D})	
Specific gravity	0.949-0.959 (d _{20/20})	0.949-0.959 (20°C)	
Acid value (NMT)	1.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :1,3,4,5 NMR :3	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