

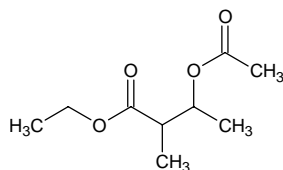
ethyl 3-acetoxy-2-methylbutyrate

エチル 3-アセトキシ-2-メチルブチレート

Formula C₉H₁₆O₄

Mol. Wt. 188.22

CAS No. 139564-43-5



SEQ No. 775 エステル類

FEMA No. 4038

JECFA No. 1718

	JFFMA	JECFA	FCC
Chemical name	ethyl 3-acetoxy-2-methylbutyrate	Ethyl 3-acetoxy-2-methylbutyrate	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.417-1.420 (n _{20D})	1.417-1.420 (n _{20D})	
Specific gravity	1.003-1.013 (d _{20/20})	1.003-1.013 (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	CNMR 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