

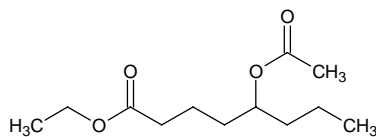
ethyl 5-acetoxyoctanoate

エチル 5-アセトキシオクタノエート

Formula C₁₂H₂₂O₄

Mol. Wt. 230.30

CAS No. 35234-25-4



SEQ No. 796 エステル類

FEMA No. 4443

JECFA No. 1959

	JFFMA	JECFA	FCC
Chemical name	ethyl 5-acetoxyoctanoate	Ethyl 5-acetoxyoctanoate	
Content (NLT)	98.0 % (GC)	97 %	
Refractive index		1.427-1.433 (n _{20D})	
Specific gravity		0.976-0.982 (20°C)	
Acid value (NMT)	1.0	1	
Melting/Congeealing point	MP: 32 to 36°C		
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1,3 MS :1,3,4,5 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