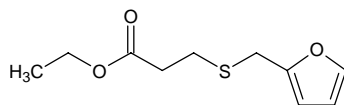


ethyl 3-(furfurylthio)propionate

エチル 3-(フルフリルチオ)プロピオネート

Formula C₁₀H₁₄O₃S

Mol. Wt. 214.28



CAS No. 94278-27-0

SEQ No. 779 エステル類

FEMA No. 3674

JECFA No. 1088

	JFFMA	JECFA	FCC
Chemical name	ethyl 3-(furfurylthio)propionate	Ethyl 3-(furfurylthio)propionate	
Content (NLT)	98.0 % (GC)	97 %	
Refractive index	1.500-1.509 (n _{20D})	1.500-1.509 (n _{20D})	
Specific gravity	1.125-1.133 (d _{20/20})	1.121-1.138 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR :1 MS :4,5 NMR :1	IR NMR	

*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