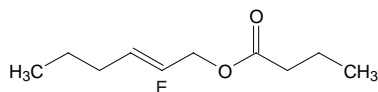


trans-2-hexenyl butyrate

trans-2-ヘキセニル ブチレート

Formula C₁₀H₁₈O₂

Mol. Wt. 170.25



CAS No. 53398-83-7

SEQ No. 1152 エステル類

FEMA No. 3926

JECFA No. 1375

	JFFMA	JECFA	FCC
Chemical name	trans-2-hexenyl butyrate	trans-2-Hexenyl butyrate	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.428-1.435 (n _{20D})	1.429-1.435 (n _{20D})	
Specific gravity	0.881-0.888 (d _{20/20})	0.882-0.888 (d _{25/25})	
Acid value (NMT)	1.0	2	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :2 MS :4,5 NMR :1	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