

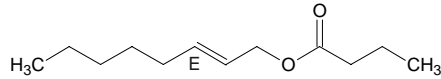
trans-2-octenyl butyrate

trans-2-オクテニル ブチレート

Formula C₁₂H₂₂O₂

Mol. Wt. 198.30

CAS No. 84642-60-4



SEQ No. 2040 エステル類

FEMA No. 3517

JECFA No. 1368

	JFFMA	JECFA	FCC
Chemical name	trans-2-octenyl butyrate	trans-2-Octen-1-yl butanoate	
Content (NLT)	94.0 % (GC)	96 %	
Refractive index	1.433-1.443 (n _{20D})	1.433-1.439 (n _{20D})	
Specific gravity	0.873-0.883 (d _{20/20})	0.890-0.896 (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 :1 MS :1 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