

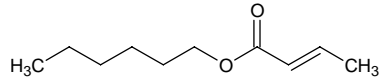
hexyl 2-butenate

ヘキシル 2-ブテノエート

Formula C₁₀H₁₈O₂

Mol. Wt. 170.25

CAS No. 19089-92-0



SEQ No. 1199 エステル類

FEMA No. 3354

JECFA No. 1807

	JFFMA	JECFA	FCC
Chemical name	hexyl 2-butenate	Hexyl 2-butenate	Hexyl-2-butenate
Content (NLT)	98.0 % (GC)	95 %	95.0 % GC(M-1a)
Refractive index	1.436-1.442 (n _{20D})	1.428-1.442 (n _{20D})	1.428-1.449 (n _{20D})
Specific gravity	0.887-0.893 (d _{20/20})	0.880-0.905 (d _{25/25})	0.880-0.900 (d _{25/25})
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :2 MS :4,5 NMR :1	NMR	IR

*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