

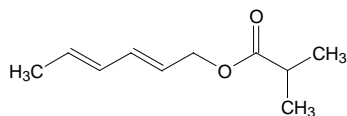
2,4-hexadienyl isobutyrate

2,4-ヘキサジエニル イソブチレート

Formula C₁₀H₁₆O₂

Mol. Wt. 168.23

CAS No. 16491-24-0



SEQ No. 2578 エステル類

FEMA No. 4134

JECFA No. 1782

	JFFMA	JECFA	FCC
Chemical name	2,4-hexadienyl isobutyrate	2,4-Hexadienyl isobutyrate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.462-1.472 (n _{25D})	1.464-1.470 (n _{20D})	
Specific gravity	0.898-0.908 (d _{20/20})	0.902-0.906 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS :4 NMR :1	HNMR	

*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