

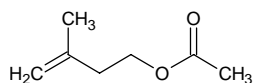
3-methyl-3-butenyl acetate

3-メチル-3-ブテニル アセテート

Formula C₇H₁₂O₂

Mol. Wt. 128.17

CAS No. 5205-07-2



SEQ No. 1764 エステル類

FEMA No. 3991

JECFA No. 1269

	JFFMA	JECFA	FCC
Chemical name	3-methyl-3-butenyl acetate	Isoprenyl acetate	
Content (NLT)	95.0 % (Chem)	98 %	
Refractive index	1.414-1.424 (n _{25D})	1.418-1.426 (n _{20D})	
Specific gravity	0.902-0.912 (d _{25/25})	0.904-0.914 (d _{25/25})	
Acid value (NMT)	1.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements			
Identification*	IR :1 MS :1,4 NMR :1	NMR MS 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