

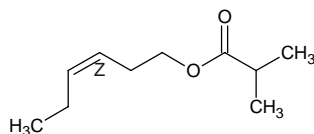
# cis-3-hexenyl isobutyrate

## cis-3-ヘキセニル イソブチレート

Formula C<sub>10</sub>H<sub>18</sub>O<sub>2</sub>

Mol. Wt. 170.25

CAS No. 41519-23-7



SEQ No. 1167 エステル類

FEMA No. 3929

JECFA No. 1275

	JFFMA	JECFA	FCC
Chemical name	cis-3-hexenyl isobutyrate	cis-Hexenyl isobutyrate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.424-1.432 (n <sub>20D</sub> )	1.424-1.432 (n <sub>20D</sub> )	
Specific gravity	0.877-0.887 (d <sub>20/20</sub> )	0.882-0.885 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements			
Identification*	IR :1,3 MS :1,4,5 NMR :3	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