

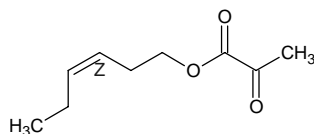
## cis-3-hexenyl pyruvate

### cis-3-ヘキセニル ピルベート

Formula C<sub>9</sub>H<sub>14</sub>O<sub>3</sub>

Mol. Wt. 170.21

CAS No. 68133-76-6



SEQ No. 1183 エステル類

FEMA No. 3934

JECFA No. 1846

	JFFMA	JECFA	FCC
Chemical name	cis-3-hexenyl pyruvate	(Z)-3-Hexenyl 2-oxopropionate	
Content (NLT)	90.0 % (GC)	98 %	
Refractive index	1.437-1.447 (n <sub>20D</sub> )	1.437-1.445 (n <sub>20D</sub> )	
Specific gravity	0.987-0.997 (d <sub>20/20</sub> )	0.982-0.990 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0		
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1 MS :4,5 NMR :1	HNMR 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