

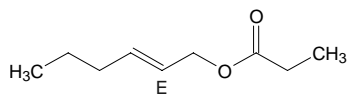
# trans-2-hexenyl propionate

## trans-2-ヘキセニル プロピオネート

Formula C<sub>9</sub>H<sub>16</sub>O<sub>2</sub>

Mol. Wt. 156.22

CAS No. 53398-80-4



SEQ No. 1182 エステル類

FEMA No. 3932

JECFA No. 1378

	JFFMA	JECFA	FCC
Chemical name	trans-2-hexenyl propionate	trans-2-Hexenyl propionate	
Content (NLT)	94.0 % (GC)	95 %	
Refractive index	1.426-1.436 (n <sub>20D</sub> )	1.426-1.433 (n <sub>20D</sub> )	
Specific gravity	0.887-0.897 (d <sub>20/20</sub> )	0.885-0.895 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0	3	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :3,4,5 NMR :1,3	NMR	

### \*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