

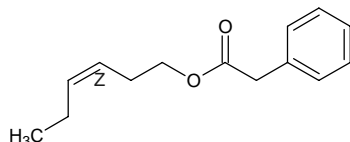
# cis-3-hexenyl phenylacetate

## cis-3-ヘキセニル フェニルアセテート

Formula C<sub>14</sub>H<sub>18</sub>O<sub>2</sub>

Mol. Wt. 218.29

CAS No. 42436-07-7



SEQ No. 1179 エステル類

FEMA No. 3633

JECFA No. 1016

	JFFMA	JECFA	FCC
Chemical name	cis-3-hexenyl phenylacetate	3-Hexenyl phenylacetate	
Content (NLT)	97.0 % (GC)	97 % predominantly (>90%) cis-isomer	
Refractive index	1.497-1.507 (n <sub>20D</sub> )	1.497-1.504 (n <sub>20D</sub> )	
Specific gravity	0.991-0.997 (d <sub>20/20</sub> )	0.996-1.004 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0	1.0	
Melting/Congealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
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