

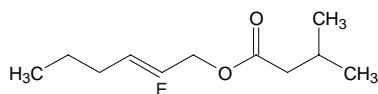
# trans-2-hexenyl isovalerate

## trans-2-ヘキセニル イソバレレート

Formula C<sub>11</sub>H<sub>20</sub>O<sub>2</sub>

Mol. Wt. 184.28

CAS No. 68698-59-9



SEQ No. 1171 エステル類

FEMA No. 3930

JECFA No. 1377

	JFFMA	JECFA	FCC
Chemical name	trans-2-hexenyl isovalerate	trans-2-Hexenyl isovalerate	
Content (NLT)	95.0 % (GC)	96 %	
Refractive index	1.425-1.435 (n <sub>20D</sub> )	1.425-1.435 (n <sub>20D</sub> )	
Specific gravity	0.870-0.880 (d <sub>20/20</sub> )	0.875-0.885 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0	3	
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS : NMR :1	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