

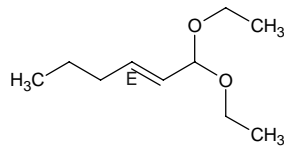
# trans-2-hexenal diethyl acetal

## trans-2-ヘキセナル ジエチル アセタール

Formula C<sub>10</sub>H<sub>20</sub>O<sub>2</sub>

Mol. Wt. 172.26

CAS No. 67746-30-9



SEQ No. 1114 エーテル類

FEMA No. 4047

JECFA No. 1383

	JFFMA	JECFA	FCC
Chemical name	trans-2-hexenal diethyl acetal	(E)-2-Hexenal diethyl acetal	
Content (NLT)	93.0 % (GC)	97 %	
Refractive index	1.418-1.426 (n <sub>20D</sub> )	1.418-1.426 (n <sub>20D</sub> )	
Specific gravity	0.843-0.853 (d <sub>20/20</sub> )	0.843-0.849 (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 :1,6 MS :1,4,5 NMR :6	IR, MS	

### \*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