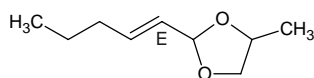


# trans-2-hexenal propyleneglycol acetal

## trans-2-ヘキセナル プロピレングリコール アセタール

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



Mol. Wt. 156.22

CAS No. 94089-21-1

SEQ No. 1118 エーテル類

FEMA No. 4272

JECFA No. 1801

	JFFMA	JECFA	FCC
Chemical name	trans-2-hexenal propyleneglycol acetal	trans-2-Hexenal propylene glycol acetal	
Content (NLT)	90.0 % (GC)	97 %	
Refractive index	1.438-1.444 (n <sub>20D</sub> )	1.438-1.444 (n <sub>20D</sub> )	
Specific gravity	0.919-0.926 (d <sub>20/20</sub> )	0.919-0.926 (20°C)	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS :4,5 NMR :1	HNMR	

### \*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