

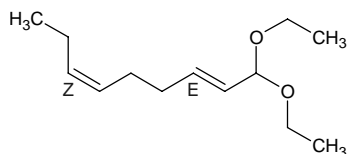
trans,cis-2,6-nonadienal diethyl acetal

trans,cis-2,6-ノナジエナル ジエチル アセタール

Formula C₁₃H₂₄O₂

Mol. Wt. 212.33

CAS No. 67674-36-6



SEQ No. 1946 エーテル類

FEMA No. 3378

JECFA No. 946

	JFFMA	JECFA	FCC
Chemical name	trans,cis-2,6-nonadienal diethyl acetal	2,6-Nonadienal diethyl acetal	
Content (NLT)	90.0 % (GC) sum of isomers	90 % sum of isomers	
Refractive index	1.440-1.450 (n _{20D})	1.441-1.448 (n _{20D})	
Specific gravity	0.859-0.869 (d _{25/25})	0.860-0.868 (d _{25/25})	
Acid value (NMT)	1.0	1.0	
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
Other requirements		Minimum assay (named cpd. + "isomers" + 2-nal diethyl acetal): 98%	
Identification*	IR :1 MS : NMR :	IR	

*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