

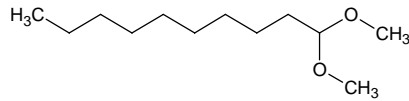
decanal dimethyl acetal

デカナル ジメチル アセタール

Formula C₁₂H₂₆O₂

Mol. Wt. 202.33

CAS No. 7779-41-1



SEQ No. 493 エーテル類

FEMA No. 2363

JECFA No. 945

	JFFMA	JECFA	FCC
Chemical name	decanal dimethyl acetal	Decanal dimethyl acetal	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.420–1.430 (n _{20D})	1.420–1.430 (n _{20D})	
Specific gravity	0.845–0.855 (d _{20/20})	0.830–0.852 (d _{25/25})	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
Other requirements			
Identification*	IR : 1 MS : 4,5 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