

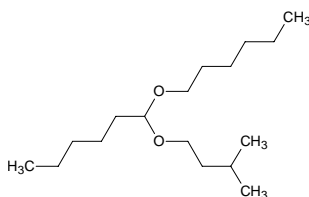
hexanal hexyl isoamyl acetal

ヘキサナール ヘキシル イソアミル アセタール

Formula C17H36O2

Mol. Wt. 272.47

CAS No. 896447-13-5



SEQ No. 1096 エーテル類

FEMA No. 4369

JECFA No. 1735

	JFFMA	JECFA	FCC
Chemical name	hexanal hexyl isoamyl acetal	Hexanal hexyl isoamyl acetal	
Content (NLT)	97.0 % (GC) sum of hexanal hexyl isoamyl acetal (ca.51%), hexanal dihexyl acetal (ca.26%), hexanal diisoamyl acetal (ca.21%)	97 % sum of three components	
Refractive index	1.427-1.432 (n20D)	1.427-1.432 (n20D)	
Specific gravity	0.835-0.840 (d20/20)	0.835-0.840 (d25/25)	
Acid value (NMT)	1.0	1	
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1 MS :1 NMR :1,3	HNMR 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