

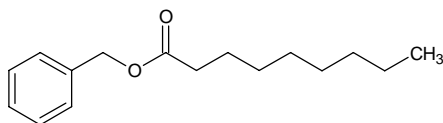
benzyl nonanoate

ベンジル ノナノエート

Formula C₁₆H₂₄O₂

Mol. Wt. 248.36

CAS No. 6471-66-5



SEQ No. 237 エステル類

FEMA No. 4626

JECFA No. 2066

	JFFMA	JECFA	FCC
Chemical name	benzyl nonanoate	Benzyl nonanoate	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.481-1.487 (n _{20D})	1.481-1.487 (n _{20D})	
Specific gravity	0.953-0.959 (d _{20/20})	0.953-0.959 (20°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :1,3,4,5 NMR :	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