

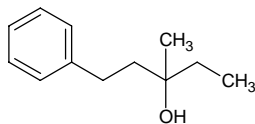
3-methyl-1-phenyl-3-pentanol

3-メチル-1-フェニル-3-ペンタノール

Formula C₁₂H₁₈O

Mol. Wt. 178.27

CAS No. 10415-87-9



SEQ No. 2117 芳香族アルコール類

FEMA No. 2883

JECFA No. 1649

	JFFMA	JECFA	FCC
Chemical name	3-methyl-1-phenyl-3-pentanol	1-Phenyl-3-methyl-3-pentanol	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.508-1.514 (n _{20D})	1.508-1.514 (n _{20D})	
Specific gravity	0.958-0.965 (d _{20/20})	0.958-0.965 (20°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1 MS :1,4,5 NMR :	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