

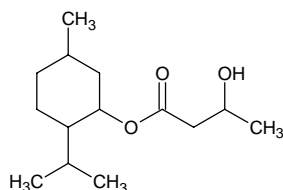
menthyl 3-hydroxybutyrate

メントール 3-ヒドロキシブチレート

Formula C₁₄H₂₆O₃

Mol. Wt. 242.35

CAS No. 108766-16-1



SEQ No. 1517 エステル類

FEMA No. 4308

JECFA No. 1855

	JFFMA	JECFA	FCC
Chemical name	menthyl 3-hydroxybutyrate	l-Menthyl (R,S)-3-hydroxybutyrate	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.453-1.463 (n _{25D})	1.454-1.464 (n _{20D})	
Specific gravity	0.970-0.980 (d _{25/25})	0.972-0.985 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1,3 MS :3 NMR :1,3	HNMR 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