

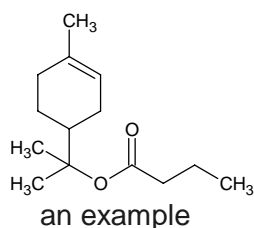
terpinyl butyrate

テルピニル ブチレート

Formula C₁₄H₂₄O₂

Mol. Wt. 224.34

CAS No. 2153-28-8



SEQ No. 2328 エステル類

FEMA No. 3049

JECFA No. 370

	JFFMA	JECFA	FCC
Chemical name	terpinyl butyrate	Terpinyl butyrate	
Content (NLT)	95.0 % (GC) sum of isomers	95 % by ester determination	
Refractive index	1.460-1.470 (n _{20D})	1.463-1.468 (n _{20D})	
Specific gravity	0.938-0.948 (d ₂₀ /20)	0.962-0.968 (15.5°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements		equivalence factor for assay = 112.17	
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