

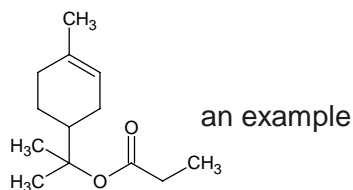
terpinyl propionate

テルピニル プロピオネート

Formula C₁₃H₂₂O₂

Mol. Wt. 210.31

CAS No. 80-27-3



SEQ No. 2335 エステル類

FEMA No. 3053

JECFA No. 369

	JFFMA	JECFA	FCC
Chemical name	terpinyl propionate	Terpinyl propionate	Terpinyl Propionate
Content (NLT)	98.0 % (GC) sum of isomers	95.0 %	95.0 % sum of isomers /GC(M-1b)
Refractive index	1.462-1.468 (n _{20D})	1.462-1.468 (n _{20D})	1.462-1.468 (n _{20D})
Specific gravity	0.948-0.957 (d _{20/20})	0.947-0.952 (d _{25/25})	0.947-0.952 (d _{25/25})
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 2 ml 80% alcohol	1 mL in 2 mL 80% alc gives clear soln
Other requirements			
Identification*	IR :1,2 MS :4,5 NMR :	IR	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