

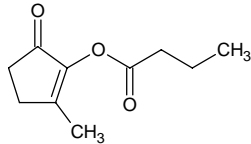
cyclotene butyrate

シクロテン ブチレート

Formula C₁₀H₁₄O₃

Mol. Wt. 182.22

CAS No. 68227-51-0



SEQ No. 476 エステル類

FEMA No. 4648

JECFA No. 2056

	JFFMA	JECFA	FCC
Chemical name	cyclotene butyrate	Cyclotene butyrate	
Content (NLT)	98.0 % (GC)	96 %	
Refractive index	1.476-1.482 (n _{20D})	1.476-1.482 (n _{20D})	
Specific gravity	1.063-1.069 (d _{20/20})	1.063-1.069 (20°C)	
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 :1,3,4,5 NMR :1,3	HNMR 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