

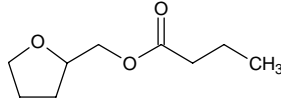
tetrahydrofurfuryl butyrate

テトラヒドロフルフリル ブチレート

Formula C₉H₁₆O₃

Mol. Wt. 172.22

CAS No. 2217-33-6



SEQ No. 2355 エステル類

FEMA No. 3057

JECFA No. 1444

	JFFMA	JECFA	FCC
Chemical name	tetrahydrofurfuryl butyrate	Tetrahydrofurfuryl butyrate	
Content (NLT)	98.0 % (GC)	97 %	
Refractive index	1.436-1.443 (n _{20D})	1.446-1.452 (n _{20D})	
Specific gravity	1.009-1.017 (d _{20/20})	1.007-1.013 (d _{25/25})	
Acid value (NMT)	1.0	4	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3,6 MS :3,4,5 NMR :1,3,6	NMR	

*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