

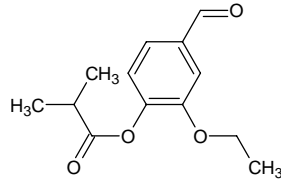
ethylvanillin isobutyrate

エチルバニリン イソブチレート

Formula C₁₃H₁₆O₄

Mol. Wt. 236.26

CAS No. 188417-26-7



SEQ No. 937 エステル類

FEMA No. 3837

JECFA No. 953

	JFFMA	JECFA	FCC
Chemical name	ethylvanillin isobutyrate	Ethyl vanillin isobutyrate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index			
Specific gravity			
Acid value (NMT)	1.0	2.0	
Melting/Congeeing point	MP: 54 to 60°C	MP: 57°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		freely soluble	
Other requirements			
Identification*	IR : 1 MS : 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