

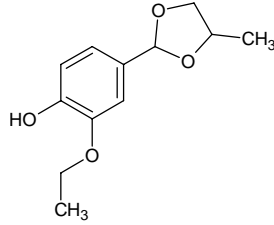
ethylvanillin propyleneglycol acetal

エチルバニリン プロピレングリコール アセタール

Formula C₁₂H₁₆O₄

Mol. Wt. 224.25

CAS No. 68527-76-4



SEQ No. 938 フェノール類

FEMA No. 3838

JECFA No. 954

	JFFMA	JECFA	FCC
Chemical name	ethylvanillin propyleneglycol acetal	Ethyl vanillin propylene glycol acetal	
Content (NLT)	90.0 % (GC)	97 % named cpd. + ethyl vanillin	
Refractive index	1.526–1.536 (n _{20D})	1.528–1.535 (n _{20D})	
Specific gravity	1.163–1.173 (d _{20/20})	1.161–1.175 (d _{25/25})	
Acid value (NMT)			
Melting/Congealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
Other requirements			
Identification*	IR :1 MS :4 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