

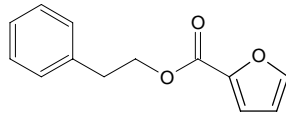
phenethyl 2-furoate

フェネチル 2-フロエート

Formula C₁₃H₁₂O₃

Mol. Wt. 216.23

CAS No. 7149-32-8



SEQ No. 2100 エステル類

FEMA No. 2865

JECFA No. 1517

	JFFMA	JECFA	FCC
Chemical name	phenethyl 2-furoate	Phenethyl 2-furoate	
Content (NLT)	98.0 % (GC)	96 %	
Refractive index	1.544-1.550 (n _{20D})	1.585-1.593 (n _{20D})	
Specific gravity	1.148-1.154 (d _{20/20})	1.136-1.142 (d _{25/25})	
Acid value (NMT)	1.0	5	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS :4,5 NMR :1	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